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# SCHEDULE OF PREMIUMS

OFFERED BY THE

## WORCESTER COUNTY

# Horticultural Society,

FOR THE YEAR 1875.

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1875.

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MASSACHUSETTS AGRICULTURAL COLLEGE

# COMMITTEE OF ARRANGEMENTS AND EXHIBITIONS.

JOHN C. NEWTON, *Chairman.* JAMES DRAPER,
GEORGE E. FRANCIS, HENRY PHELPS,
SAMUEL FLAGG, ALFRED DAVIS.

O. B. HADWEN, *President.*

EDWARD W. LINCOLN, *Secretary*, Nos. 5 Oak and 18 Front Streets, Worcester.

The Autumnal Exhibition commences Tuesday, September 28th, at 6 P. M., and closes Friday, October 1st, at 9 P. M.

## COMMITTEES OF AWARD.

APPLES.—WILLIAM T. HARLOW, *Chairman;* James F. Allen, O. B. Hadwen, Samuel H. Colton, Stephen S. Foster, Samuel A. Knox, Sylvanus Sears, J. K. L. Pickford, of *Worcester;* Cyrus White, Henry Marble, of *Millbury;* Lewis A. Maynard, of *Shrewsbury;* and Isaac B. Hartwell, of *Oxford.*

GRAPES, PEACHES, &c.—WILLIAM H. EARLE, *Chairman;* T. M. Lamb, W. W. Cook, Horatio Phelps, Thomas A. Dawson, Charles Goodwin, of *Worcester;* Paul Whitin, George Cruickshanks, of *Whitinsville;* F. M. Marble, of *Grafton;* and Joseph C. Lovell, of *West Boylston.*

PEARS.—HENRY L. PARKER, *Chairman;* Henry Phelps, John C. Newton, James Draper, S. Harrison Knox, Alfred Davis, of *Worcester;* Newell Wood, of *Millbury;* and William H. Johnson, of *Northborough*

PLANTS, FLOWERS, &c.—SAMUEL FLAGG, *Chairman;* George E. Francis, James L. Burbank, Patrick W. Driscoll, Clarendon Harris, D. S. Messinger, Henry Woodward, Lyman J. Taft, of *Worcester;* and John F. Johnson, of *Leominster.*

VEGETABLES.—ALEXANDER MARSH. *Chairman;* Thomas R. Norcross, J. D. Lovell, O. L. Hatch, Rufus Carter, Daniel Bemis, Chas. Belcher, George G. Burbank, and Wm. H. Hackett, of *Worcester.*

☞ The Committees will meet at 7½ o'clock on the evening of Tuesday, September 30th, being the opening evening of the Exhibition, for organization, and decision if possible.

# SUMMER EXHIBITIONS.

The Opening Exhibition of the Summer Season will be held in the HALL OF FLORA, on Thursday, the 10th day of June, from 3 to 5 o'clock P. M.

SPECIAL NOTICE:

The Rules and Regulations require that correct and legible names shall be attached to each and every plant or flower entered in a class of named varieties; and that written lists of the same shall be given to the Secretary.

Strict compliance with the Rules and Regulations, to be found on pages 11 and 12, is required on the part of Contributors and Committees.

ON THURSDAY, JUNE 10TH.

HARDY PLANTS AND SHRUBS.

| | |
|---|---|
| For the best display of cut flowers and foliage of named varieties | $ 8 00 |
| For the second best | 5 00 |
| For the third best | 3 00 |

ON THURSDAY, P. M., JUNE 17TH.

CUT FLOWERS.

| | |
|---|---|
| For the best display | $ 3 00 |
| For the second best | 2 00 |

## ROSE EXHIBITION.

The Annual Rose Exhibition will be held in the HALL OF FLORA, on Thursday, the 24th day of June, commencing at 3 P. M., and closing at 5 P. M.

All articles for competition must be entered with the Secretary, and be placed on the tables, before 1 o'clock P. M.

GARDEN ROSES.

| | |
|---|---|
| For the best general display of named varieties | $ 8 00 |
| For the second best | 5 00 |
| For the third best | 3 00 |
| For the best arranged vase | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |

CUT FLOWERS.

| | |
|---|---|
| For the best collection | $ 5 00 |
| For the second best | 3 00 |
| For the third best | 2 00 |

GREEN HOUSE PLANTS.

| | |
|---|---|
| For the best collection of named specimens | $ 8 00 |
| For the second best | 6 00 |
| For the third best | 4 00 |

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TO FLORISTS.—SPECIAL.

On Thursday, July 1st, and on each successive Thursday, viz.:

| | | |
|---|---|---|
| July 8th, | August 5th, | September 2d, |
| July 15th, | August 12th, | September 9th, |
| July 22d, | August 19th, | September 16th, |
| July 29th, | August 26th, | September 23d, |

Premiums of three dollars ($3.00) and two dollars ($2.00), respectively, will be offered for the best, and next best TWO STANDS OF CUT FLOWERS.

TO AMATEURS.—At each of such exhibitions a premium of two dollars ($2.00) and one dollar ($1.00) will also be offered for the best, and second best STAND OF CUT FLOWERS, *grown by amateurs.*

# PREMIUMS FOR FRUITS DURING THE SEASON.

☞ The Season is understood to extend from the opening in June to the Autumnal Exhibition in September, during which there will be an Exhibition every Thursday, and premiums will be awarded as enumerated in the Schedule.

AT THE ROSE SHOW—On Thursday, June 24th,

Entries must be made with the Secretary, and the articles be upon the tables, before 1 o'clock P. M.

No person can compete for more than one premium with the same species of Berry or varieties of Fruit. All *Small Fruits* must be displayed in quart boxes.

STRAWBERRIES.

| | |
|---|---|
| For the best quart of Agriculturist | $ 2 00 |
| For the second best quart of Agriculturist | 1 00 |
| For the third best quart of Agriculturist | 50 |
| For the best quart of Boyden No. 30 | 1 00 |
| For the best quart of Charles Downing | 2 00 |
| For the second best quart of Charles Downing | 1 00 |
| For the third best quart of Charles Downing | 50 |
| For the best quart of Downer's Prolific | 1 00 |
| For the best quart of Ida | 1 00 |
| For the best quart of Jucunda | 2 00 |
| For the second best quart of Jucunda | 1 00 |
| For the third best quart of Jucunda | 50 |
| For the best quart of Kentucky | 2 00 |
| For the second best quart of Kentucky | 1 00 |
| For the third best quart of Kentucky | 50 |
| For the best quart of Lady of the Lake | 1 00 |
| For the best quart of Matilda | 1 00 |

For the best quart of President Wilder.....$ 1 00
For the best quart of Lennig's White ..... 1 00
For the best quart of Triomphe de Gand..... 2 00
For the second best quart of Triomphe de Gand..... 1 00
For the third best quart of Triomphe de Gand..... 50
For the best quart of Wilson..... 2 00
For the second best quart of Wilson..... 1 00
For the third best quart of Wilson..... 50

## On THURSDAY, JULY 1st.

### CHERRIES.

For the best two quarts of Black Tartarian.....$ 2 00
For the second best two quarts of Black Tartarian..... 1 00
For the best two quarts of any other named Black variety..... 1 00
For the best two quarts of any named White variety..... 2 00
For the second best two quarts of any named White variety.. 1 00

## On THURSDAY, JULY 8th.

### CURRANTS.

For the best two quarts of La Versaillaise.....$ 2 00
For the best one quart of La Versaillaise..... 1 00
For the best quart of Red Dutch ..... 1 00
For the second best quart of Red Dutch ..... 50
For the best quart of Dana's Transparent..... 1 00
For the best quart of White Gondouin ..... 1 00
For the best quart of White Grape..... 1 00

## On THURSDAY, JULY 15th,

### RASPBERRIES.

For the best two quarts of Brinckle's Orange.....$ 2 00
For the second best two quarts of Brinckle's Orange ..... 1 00
For the best two quarts of Northumberland..... 2 00
For the second best two quarts of Northumberland..... 1 00
For the best two quarts of Hudson River Antwerp..... 2 00
For the second best two quarts of Hudson River Antwerp... 1 00
For the best quart of Clarke..... 1 00
For the best quart of Franconia..... 1 00
For the best quart of Knevett's Giant..... 1 00
For the best quart of Philadelphia..... 1 00

### BLACK CAPS.

For the best two quarts of any named variety..... 2 00
For the second best " " ..... 1 00

## On THURSDAY, JULY 22d.

### BLACKBERRIES.

For the best quart of Wilson ..... $ 1 00
For the best quart of Kittatinny ..... 1 00
For the best quart of Wachusett ..... 1 00

### RASPBERRIES.

For the best two quarts of any named variety ..... 2 00
For the second best ..... 1 00

## On THURSDAY, JULY 29th.

### PEARS.

For the best twelve specimens of Doyenne d' Ete ..... $ 1 00
For the best twelve of any other variety ..... 1 00

### POTATOES.

For the best peck (new) ..... 1 00

### TOMATOES.

For the best twelve specimens (open culture) ..... 2 00
For the second best (open culture) ..... 1 00

## On THURSDAY, AUGUST 5th.

### APPLES.

For the best ten specimens of any named variety ..... $ 2 00
For the second best ten specimens of any named variety ..... 1 00

### PEARS.

For the best twelve specimens of Beurre Giffard ..... 2 00
For the second best ..... 1 00
For the best twelve of any other named variety ..... 1 00

## On THURSDAY, AUGUST 12th,

### APPLES.

For the best ten specimens of Early Sweet Bough ..... $ 1 00
For the best ten specimens of Williams' Early Red ..... 1 00
For the best ten specimens of Red Astrachan ..... 2 00
For the second best ten specimens of Red Astrachan ..... 1 00

### PEARS.

For the best twelve Rostiezer ..... 1 00
For the best twelve of any other named variety ..... 1 00

## On THURSDAY, AUGUST 19th.

APPLES.

For the best ten specimens of any named variety.....$ 1 00
For the best ten of any other named variety..... 1 00

PEARS.

For the best twelve specimens of any named variety..... 1 00
For the best twelve of any other named variety..... 1 00

## On THURSDAY, AUGUST 26th.

APPLES.

For the best ten specimens of any named variety.....$ 1 00
For the best ten specimens of any other named variety..... 1 00

PEARS.

For the best twelve specimens of Clapp's Favorite..... 1 00
For the best twelve specimens of any other named variety..... 1 00

PEACHES.

For the best twelve specimens of Crawford's Early..... 2 00

VEGETABLES.

For the best twelve Tomatoes..... 2 00
For the second best..... 1 00

## On THURSDAY, SEPTEMBER 2d.

APPLES.

For the best ten specimens of any named variety.....$ 2 00
For the best ten specimens of any other named variety..... 1 00

PEARS.

For the best twelve specimens of Clapp's Favorite..... 2 00
For the second best..... 1 00
For the best twelve specimens of Bartlett..... 2 00
For the second best..... 1 00

PEACHES.

For the best dish of twelve specimens..... 2 00
For the second best..... 1 00

## On THURSDAY, SEPTEMBER 9th.

APPLES.

For the best ten specimens of Red Astrachan.....$ 1 00
For the best ten specimens of Early Williams..... 1 00
For the best ten specimens of Early Sweet Bough..... 1 00
For the best ten specimens of Duchess of Oldenburg..... 1 00

PEARS.

For the best twelve specimens of Dearborn's Seedling.....$ 1 00
For the best twelve specimens of Beurre de l' Assomption..... 1 00

PEACHES.

For the best twelve specimens of a named variety..... 2 00
For the second best twelve specimens ..... 1 00

VEGETABLES.

For the best twelve Tomatoes..... 2 00
For the second best twelve Tomatoes..... 1 00

MELONS.

For the best two Water..... 2 00
For the second best two Water..... 1 00
For the best Green Flesh (three specimens)..... 2 00
For the best Yellow Flesh (three specimens)..... 2 00

## On THURSDAY, SEPTEMBER 16th.

APPLES.

For the best ten specimens of Gravenstein.....$ 1 00
For the best ten specimens of Porter..... 1 00

PEARS.

For the best twelve specimens of Flemish Beauty..... 1 00
For the best twelve specimens of Souvenir du Congres..... 1 00
For the best twelve specimens of Belle Lucrative..... 1 00

PEACHES.

For the best twelve specimens of any named variety..... 2 00
For the second best twelve specimens of any named variety.. 1 00

## On THURSDAY, SEPTEMBER 23d.

APPLES.

For the best ten specimens of Holden Pippin.....$ 1 00
For the best ten specimens of Maiden's Blush..... 1 00
For the best ten specimens of Washington Strawberry..... 1 00

PEARS.

For the best twelve specimens of Howell..... 1 00
For the best twelve specimens of Paradis d' Automne..... 1 00
For the best twelve specimens of Souvenir du Congres..... 1 00

PEACHES.

For the best twelve specimens of Cooledge..... 2 00
For the best twelve specimens of Crawford..... 2 00
For the best twelve specimens of Stump the World..... 1 00
For the best twelve specimens of any other named variety..... 1 00

# AUTUMNAL EXHIBITION.

THE SOCIETY will hold its ANNUAL AUTUMNAL EXHIBITION, A. D. 1875, in its own Halls, on Front street, in the City of Worcester.

The Exhibition will commence on Tuesday, September 28th, at 6 o'clock P. M., and close on Friday, October 1st, at 9 o'clock P. M.

☞ Exhibitors are notified that strict conformity to the Regulations and Rules will be expected and required, for their own benefit as well as for the convenience of the Officers of the Society.

☞ Particular attention is called to the Rules and Regulations on pp. 11 and 12, and especially to Nos. 11 and 13, respectively; the one defining the limit of time for entries of Vegetables, and the other requiring lists of all entries to be filed with the Secretary.

Amount appropriated for Premiums at the Exhibitions in 1874, $1,200.

## RULES AND REGULATIONS:

1. Articles offered for premium at the AUTUMNAL EXHIBITION must be in the Halls and entered with the Secretary before six (6) o'clock P. M., of the opening days of the Exhibition; *Provided*, that all entries of Vegetables for the Exhibition must be made with the Secretary *before* the 25th day of September.

2. Competition for premiums is open to all; but a discount of one-third of the amount will be made from awards to persons who are not members of the Society; and it is strictly required that all specimens offered for premium shall have been grown by the competitors, *within the County of Worcester.*

3. After the articles are arranged they will be under the exclusive charge of the Committees, and *not even the owners* will have liberty to *remove* them, until the Exhibition is closed, when they will be delivered as the contributors may direct.

4. No person shall be entitled to receive more than one premium for the same specimen, and no article for which a premium has been once awarded can receive another during the season.

5. All Fruits offered for premium must be composed of exactly the number or quantity of specimens named in the Schedule, the several Committees being instructed to remove all excess or exclude for deficiency; each variety being designated by name.

6. All articles offered for premiums must be correctly named. Indefinite appellations, such as "Pippin," "Sweeting," "Greening," etc., will not be considered as names.

7. No Flowers, Plants, Fruits or Vegetables will be entitled to a premium unless they possess points of superiority; and the Committees are *strictly required* to withhold premiums if, in their opinion, the articles exhibited do not merit them.

8. Competitors will be required to furnish information as to their mode of cultivation, and to present specimens for trial and examination if requested.

9. All premiums that are not claimed within three months after the Autumnal Exhibition shall be forfeited to the Society.

10. The awards of the premiums will be made known as soon as the premium cards can be filled out and placed upon the tables.

11. Admission to the Autumnal Exhibition, for those who are not members of the Society, 25 cents; children under sixteen years of age, 10 cents; season tickets, 50 cents.

12. At the close of the Exhibition the Fruit, Vegetables, etc., belonging to the Society will be sold, and all specimens which are not claimed at that time will be considered as given to the Society, and will be sold for its benefit.

13. *Contributors will be required to furnish the Secretary with a list of their articles, specifying the precise Class in which they would compete.*

14. "Downing's Fruits of America," revised edition, will guide the Committees in their decisions upon matters at issue.

☞ Special Notice.—The several Committees will meet at 7:30 o'clock P. M., on the opening evening of the Exhibition, to make their awards.

# PREMIUMS.

# EXHIBITION.

## APPLES.

COMMITTEE.—Wm. T. Harlow, *Chairman*, James F. Allen, O. B. Hadwen, Samuel H. Colton, Stephen S. Foster, Samuel A. Knox, J. K. L. Pickford, Sylvanus Sears, of *Worcester;* Cyrus White, Henry Marble, of *Millbury;* Lewis A. Maynard, of *Shrewsbury;* and Isaac B. Hartwell, of *Oxford.*

| | |
|---|---|
| For the best ten Astrachan (Red) | $ 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Baldwin | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Cogswell | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Duchess of Oldenburg | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Golden Sweet | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |

| | |
|---|---|
| For the best ten Gravenstein | $ 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Holden Pippin | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Hubbardston Nonesuch | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Leicester Sweet | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Lyscom | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Maiden's Blush | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Mother | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Northern Spy | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Peck's Pleasant | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Porter | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Rhode Island Greening | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Roxbury Russett | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Sheppard's Sweet | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Sweet Bough (Early) | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |

| | |
|---|---|
| For the best ten Tallman's Sweet | $ 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Twenty Ounce | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Washington Royal | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Washington Strawberry | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best ten Williams' Early Red | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |

## GRAPES, PEACHES, &C.

COMMITTEE.—William H. Earle, *Chairman;* Thomas M. Lamb, W. W. Cook, Horatio Phelps, Thomas A. Dawson, Frank J. Kinney, Charles Goodwin, of *Worcester;* Paul Whitin, George Cruickshanks, of *Whitinsville;* F. M. Marble, of *Grafton;* and Joseph C. Lovell, of *West Boylston.*

GRAPES.

| | |
|---|---|
| UNDER GLASS.—For the best two clusters of Black Hamburg | $ 5 00 |
| For the second best | 3 00 |
| For the third best | 1 00 |
| For the best two clusters of any other named Black Grape | 3 00 |
| For the second best | 2 00 |
| For the best two clusters of White Muscat | 3 00 |
| For the second best | 2 00 |
| For the best two clusters of White Frontignan | 3 00 |
| For the second best | 2 00 |
| For the best two clusters of any other named White | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best two clusters of Grizzly Frontignan | 3 00 |
| For the second best | 2 00 |
| OPEN AIR.—For the best four clusters of Concord | 3 00 |
| For the best four clusters of Delaware | 3 00 |
| For the best four clusters of Diana | 3 00 |

For the best four clusters of Hartford Prolific.....$ 3 00
For the best four clusters of Iona..... 3 00
For the best four clusters of Rogers No. 3, (Massasoit)..... ... 3 00
For the best four clusters of Rogers No. 9, (Lindley)..... ..... 3 00
For the best four clusters of Rogers No. 15, (Agawam)..... 3 00
For the best four clusters of Rogers No. 19, (Merrimac) ..... 3 00
For the best four clusters of Salem..... ..... 3 00
For the best four clusters of Worden..... 3 00

PEACHES.

For the best collection of six varieties, not less than ten specimens each..... 8 00
For the second best..... 5 00
For the third best..... 2 00
For the best three varieties of twelve specimens each..... 5 00
For the second best..... 3 00
For the best one variety of twelve specimens..... 3 00
For the second best..... 2 00
For the third best..... 1 00

PLUMS.

For the best collection of not less than four named varieties.. .. 5 00
For the second best..... 3 00
For the best three varieties..... 3 00
For the second best..... 2 00
For the best single plate..... 3 00
For the second best..... 1 00

QUINCES.

For the best collection of not less than three varieties ..... 5 00
For the second best..... 3 00
For the best twelve Orange Quinces..... 3 00
For the second best..... 2 00
For the best twelve of any other variety..... 2 00
For the second best..... ..... 1 00

CRAB APPLES.

For the best display..... ..... 3 00
For the second best..... 2 00
For the best dish of twenty-four specimens of any named variety. 2 00
For the second best..... 1 00

# PEARS.

COMMITTEE. — Henry L. Parker, *Chairman;* Henry Phelps, John C. Newton, James Draper, Alfred Davis, S. Harrison Knox, of *Worcester;* Newell Wood, of *Millbury;* and William H. Johnson, of *Northborough.*

CLASS 1. —

| | |
|---|---|
| For the best twelve Beurre Bosc | $5 00 |
| For the second best | 3 00 |
| For the third best | 1 00 |
| For the best twelve Beurre Clairgeau | 2 00 |
| For the best twelve Beurre d'Anjou | 5 00 |
| For the second best | 3 00 |
| For the third best | 1 00 |
| For the best twelve Beurre Diel | 3 00 |
| For the second best | 1 00 |
| For the best twelve Beurre Hardy | 2 00 |
| For the second best | 1 00 |
| For the best twelve Beurre Langelier | 3 00 |
| For the second best | 1 00 |
| For the best twelve Beurre Superfin | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best twelve Dix | 2 00 |
| For the best twelve Doyenne du Comice | 5 00 |
| For the second best | 3 00 |
| For the third best | 1 00 |
| For the best twelve Duchesse d'Angouleme | 5 00 |
| For the second best | 3 00 |
| For the third best | 1 00 |
| For the best twelve Durandeau | 3 00 |
| For the second best | 1 00 |
| For the best twelve Glou Morceau | 5 00 |
| For the second best | 3 00 |
| For the third best | 1 00 |
| For the best twelve Howell | 2 00 |
| For the second best | 1 00 |
| For the best twelve Josephine de Malines | 3 00 |
| For the second best | 2 00 |
| For the best twelve Lawrence | 5 00 |
| For the second best | 3 00 |
| For the third best | 1 00 |

For the best twelve Louise Bonne de Jersey ..... 5 00
For the second best ..... 3 00
For the third best ..... 1 00
For the best twelve Marie Louise ..... 3 00
For the second best ..... 2 00
For the best twelve Mt. Vernon ..... 2 00
For the best twelve Onondaga ..... 2 00
For the second best ..... 1 00
For the best twelve Paradis d'Automne ..... 3 00
For the second best ..... 1 00
For the best twelve Seckel ..... 5 00
For the second best ..... 3 00
For the third best ..... 1 00
For the best twelve Sheldon ..... 3 00
For the second best ..... 2 00
For the third best ..... 1 00
For the best twelve St. Ghislain ..... 3 00
For the second best ..... 1 00
For the best twelve St. Michel ..... 3 00
For the second best ..... 1 00
For the best twelve St. Michel Archange ..... 2 00
For the second best ..... 1 00
For the best twelve Urbaniste ..... 3 00
For the second best ..... 2 00
For the best twelve Vicar of Winkfield ..... 3 00
For the second best ..... 2 00
For the best twelve Washington ..... 3 00
For the second best ..... 1 00
For the best twelve Winter Nelis ..... 5 00
For the second best ..... 3 00
For the third best ..... 1 00

CLASS 2. (New Pears.)

For the best twelve Beurre de l' Assomption ..... 3 00
For the second best ..... 1 00
For the best twelve Souvenir du Congres ..... 3 00
For the second best ..... 1 00
For the best twelve Brockworth Park ..... 2 00
For the best twelve Duchesse de Bordeaux ..... 2 00
For the best twelve Dr. Reeder ..... 2 00
For the best twelve Helene Gregoire ..... 2 00
For the best twelve Huyshe's Prince Consort ..... 2 00

For the best twelve Rutter..... 2 00
For the best twelve Emile d' Heyst..... 2 00
For the best twelve St. Crispin..... 2 00
For the best twelve Doyenne Hovey..... 2 00
For the best twelve Souvenir d' Esperen..... 2 00
For the best twelve Gen. Todleben..... 2 00
For the best twelve Duc de Bordeaux..... 2 00

☞ And a Special Premium of Twenty Dollars ($20) is offered by the Secretary for the best collection of Fifteen (15) New Varieties, twelve specimens each, grown anywhere within the Commonwealth.

## PLANTS, FLOWERS, &c.

COMMITTEE.—Samuel Flagg, *Chairman;* George E. Francis, James L. Burbank, Patrick W. Driscoll, Clarendon Harris, David S. Messinger, Henry Woodward, Lyman J. Taft and Henry L. Shumway of *Worcester*, and John F. Johnson of *Leominster.*

[RULE: All Pot-Plants shall have been grown in the Pots in which they are exhibited.]

ASTERS.—
For the best display (one stand)..... $4 00
For the second best..... 3 00
For the third best..... 2 00
For the fourth best..... 1 00

BASKET.—(HANGING)—
For the best, grown at least one month in the basket..... 3 00
For the second best..... 2 00
For the third best..... 1 00

BOUQUETS.—(HAND)—
For the best pair..... 3 00
For the second best..... 2 00

BOUQUETS —(PARLOR)—
For the best pair..... 4 00

For the second best ..... 2 00
For the third best ..... 1 00

DAHLIAS.—

For the best twelve named varieties ..... 3 00
For the second best ..... 1 00

DESIGN.—(Floral)—

For the best ..... 6 00
For the second best ..... 4 00

FLOWERS.—(Cut.) [Variety and arrangement will be considered as well as rarity and quantity.]

For the best Collection, and best kept during the Exhibition, not exceeding three stands ..... 6 00
For the second best ..... 4 00
For the third best ..... 2 00
For the best Stand ..... 3 00
For the second best ..... 2 00
For the third best ..... 1 00
For the best arranged Basket or Dish ..... 3 00
For the second best ..... 2 00

GLADIOLUS.—

For the best Collection, named or unnamed varieties ..... 5 00
For the second best ..... 3 00

Class 1.

For the best fifteen named varieties ..... 5 00
For the second best ..... 3 00

Class 2.

For the best ten named varieties ..... 3 00
For the second best ..... 2 00
For the best specimen spike ..... 1 00
For the best seedling ..... 1 00

PANSIES.—

For the best display ..... 3 00
For the second best ..... 2 00
For the third best ..... 1 00

PINKS.—(China.)—

For the best display ..... 3 00
For the second best ..... 1 00

PETUNIAS.—

For the best Display ..... 3 00
For the second best ..... 2 00

SWEET PEAS.—

For the best display ..... 2 00

VERBENAS.—

For the best display ..... 3 00
For the second best ..... 2 00
For the third best ..... 1 00
For the best display of seedlings ..... 2 00
For the second best ..... 1 00

STOVE AND GREENHOUSE PLANTS.

PLANTS WITH ORNAMENTAL FOLIAGE—

For the best twelve ..... $20 00
For the second best ..... 12 00
For the best six ..... 10 00
For the second best ..... 5 00
For the best single ..... 3 00
For the second best ..... 1 00

PLANTS IN BLOOM.—

For the best four ..... 10 00
For the second best ..... 5 00
For the best single ..... 3 00
For the second best ..... 1 00

RARE AND NEW PLANTS.—

For the best collection ..... 10 00
For the second best ..... 5 00

FERNS AND LYCOPODS.—

For the best collection ..... 10 00
For the second best ..... 5 00

PARLOR PLANTS IN POTS —(From Amateurs.)—

For the best collection, not exceeding twelve varieties ..... 6 00
For the second best ..... 4 00
For the best single Plant ..... 2 00
For the second best ..... 1 00

FERNERY OR WARDIAN CASE, from any source.—

For the best..... 6 00
For the second best..... 4 00
For the third best..... 2 00

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## VEGETABLES.

☞ All entries in this Department must be made with the Secretary before the 25th day of September. And all Vegetables exhibited for premiums must be in the Hall of Ceres by 6 o'clock P. M., on Tuesday, the twenty-eighth (28th) day of September.

COMMITTEE.—Alexander Marsh, *Chairman;* Thomas R. Norcross, J. D. Lovell, O. L. Hatch, Rufus Carter, Daniel Bemis, Charles Belcher, and William H. Hackett, of *Worcester.*

BEANS.—

For the best four varieties.....$ 1 00

BEETS.—

For the best six Long Blood..... 2 00
For the best six Early Bassano..... 2 00
For the best six Egyptian..... 2 00
For the best six Sugar..... 2 00
For the best six Turnip..... 2 00

CABBAGES —

For the best two Large Flat Brunswick..... 3 00
For the best single specimen..... 2 00
For the best two Drumhead..... 3 00
For the best single specimen Drumhead, weight not less than 30 lbs..... 1 00
For the best two Drumhead Savoy..... 3 00
For the best single specimen..... 2 00
For the best two Early Sweinfurth..... 3 00
For the best single specimen..... 2 00
For the best two Red..... 2 00
For the best single specimen..... 1 00

For the best two Savoy ..... 3 00
For the best single specimen ..... 2 00

CARROTS.—

For the best six Early Horn or Short Scarlet ..... 2 00
For the best six Long Orange ..... 2 00
For the best six Red ..... 2 00
For the best six White ..... 2 00

CAULIFLOWERS.—

For the best three specimens ..... 3 00
For the best single specimen ..... 1 00

CELERY.—

For the best six roots ..... 4 00
For the second best ..... 2 00

CORN.—

For the best collection of Sweet, not less than five named varieties ..... 5 00
For the second best ..... 3 00
For the best six ears of Sweet ..... 2 00
For the second best ..... 1 00
For the best Yellow or Field, of twenty ears traced ..... 2 00
For the second best ..... 1 00

CRANBERRIES.—

For the best peck ..... 1 00

CUCUMBERS.—

For the best half peck for pickling ..... 2 00

EGG PLANT.—

For the best three specimens ..... 1 00

HORSE RADISH.—

For the best six roots ..... 1 00

MELONS.—

For the best two Water ..... 3 00
For the second best ..... 1 00
For the best Green Flesh, three specimens ..... 2 00
For the best Yellow Flesh, three specimens ..... 2 00

ONIONS.—

For the best four varieties, a half peck of each ..... 3 00
For the second best ..... 2 00

For the best half peck of Red..... 1 00
For the best half peck of Silver Skin..... 1 00
For the best half peck of White Portugal..... 2 00
For the best half peck of Yellow Danvers..... 2 00

PARSNEPS.—

For the best six Guernsey..... 2 00
For the best six Hollow Crown..... 2 00
For the best six Student..... 2 00
For the best six Short..... 2 00

POTATOES.—

For the best five named varieties, half a peck of each..... 12 00
For the second best..... 8 00
For the third best..... 4 00

PUMPKINS.—

For the best three, weight not less than 20 lbs. each..... 2 00
For the second best..... 1 00

PEPPERS —

For the best half peck..... 1 00

SALSIFY.—

For the best six specimens..... 1 00

SQUASHES.—

For the best three pure Crookneck..... 2 00
For the best three pure Canada Crookneck..... 2 00
For the best three pure Hubbard..... 2 00
For the best three pure Mammoth..... 2 00
For the best three pure Marblehead..... 2 00
For the best three pure Marrow..... 2 00
For the best three pure Turban..... 2 00
For the best three pure Yokohama..... 2 00

TOMATOES —

For the best Boston Market..... 2 00
For the best twelve Lester..... 2 00
For the best twelve Tilden..... 2 00
For the best twelve Trophy..... 2 00
For the best twelve of any other named variety..... 2 00

TURNIPS.—

For the best six English or Flat, white or yellow..... 2 00
For the best six White Swedes..... 2 00
For the best twelve Yellow Swedes..... 2 00

# A. D., 1875—MARCH 16.

SPECIAL EXHIBITION OF CHINESE AND OTHER PRIMROSES, CYCLAMENS, HYACINTHS, AND OTHER SPRING-BLOOMING PLANTS.

PLANTS IN BLOOM—

| | |
|---|---|
| For the best general display | $5 00 |
| For the second best general display | 3 00 |

PRIMROSES—

| | |
|---|---|
| For the best six in bloom | 3 00 |
| For the second best | 2 00 |
| For the best single plant | 2 00 |
| For the second best single plant | 1 00 |

CYCLAMENS.—

| | |
|---|---|
| For the best six in bloom | 3 00 |
| For the second best six in bloom | 2 00 |
| For the best single plant | 2 00 |
| For the second best single plant | 1 00 |

# TRANSACTIONS

OF THE

# Worcester County Horticultural Society,

FOR THE YEAR 1874:

COMPRISING

THE REPORTS OF THE COMMITTEES AT THE ANNUAL EXHIBITION; THE ANNUAL REPORT OF THE SECRETARY FOR THE YEAR 1874; AND A ROLL OF MEMBERS OF THE SOCIETY.

# REPORTS.

## REPORT ON APPLES.

COMMITTEE.—Wm. T. Harlow, *Chairman;* James F. Allen, O. B. Hadwen, Samuel H. Colton, Samuel A. Knox, J. K. L. Pickford, Sylvanus Sears, of *Worcester;* Cyrus White, Henry Marble, of *Millbury;* and Isaac B. Hartwell, of *Oxford.*

No better exhibition of apples than those of this society this year was ever made in the County of Worcester. Whatever may be said of the attendance or non-attendance of the public, or of success or non-success in a financial point of view, as regards fruit exhibited, the autumnal exhibitions of 1874 are unsurpassed in the annals of this Society. At least two causes contributed to this result. The crop was unusually large and the exhibitions were held after maturity of the varieties for which premiums were offered.

Vast quantities of apples were laid upon the society's tables for which, notwithstanding their merit, we had no premiums to award in consequence whereof we were unable to do full justice to all exhibitors. Considering and regretting the fact our attention was drawn to more careful consideration of the repeated recommendations of Secretary Lincoln in regard to "abolition of the existing system of classification of apples and pears as meaningless and unprofitable and a substitution therefor of direct competition between different lots of the same variety."* His illustration of the viciousness of the system in the case of pears might be more than matched in that of apples. The fact that the apple product of the County vastly exceeds that of pears is probably the reason for offering premiums for larger collections of apples than of pears. But the larger the collections and the greater the number of contributions the more difficult is just award. If the large collections to be compared contained

* Transactions 1872, p. 64 and 1873, p. 66.

only the same varieties, decision would be sufficiently difficult; containing as they do to a large extent different varieties it is impossible. Another vice of the system illustrated in all large collections is that fruit wholly without merit is included merely to eke out numbers.

The aggregate of premiums offered this year for apples was one hundred and eighty-seven dollars of which one hundred and twenty-five dollars was for collections and sixty-two dollars for single plates. Instead of the existing system we second the Secretary's recommendation of direct competition between specimens of the same variety, with a graded premium for each. The Society's former offers for single plates were objectionable in that but a single premium was offered for one variety. Thus, "For the best ten Baldwins $2.00." For this one premium there might be or rather there were some fifteen or twenty entries, and several so excellent as to make decision doubtful. The sixty-two dollars offered for single plates was divided into thirty-one premiums of two dollars each for thirty-one varieties adjudged by the Trustees most worthy of encouragement. Now, if we could have awarded the aggregate amount offered for apples in graded premiums of three, two and one dollars for the best, second best and third best of each of the thirty-one varieties, we believe we could have satisfied competitors, the Society and the public, as well as ourselves far better than we have done.

Some dissatisfaction was expressed on account of our action in relation to apples incorrectly named. The rules adopted by the Trustees required that all articles offered for premiums should be correctly named, and made Downing's Fruits the standard of authority. Under these rules we were obliged to exclude several collections. Some of the excluded apples were of decided merit, and would undoubtedly have received premiums, but for misnomer. With a view to equitable relief from the rigor of a rule of which many competitors pleaded ignorance, we awarded an unusual number of gratuities.

It will be remembered that our report for 1873 contained some suggestions in reply to a criticism of the Gardener's Monthly upon our report for 1872. Attempting in the former report to account for frequent failure of the apple crop, we assigned, as probable cause, alternation of cold with warm periods in spring, whereby apple bloom prematurely forced, afterwards was made abortive by late frost. The Gardener challenged this view on the ground that the sap of trees could not freeze. Of the completeness of our refutation, in our last Report, of the Gardener's pet theory on this subject, we have received many testimonials. Among others, the following from the President of the Massachusetts Agricultural College: —

MASSACHUSETTS AGRICULTURAL COLLEGE,
AMHERST, March 9, 1874.

My Dear Sir.—Your paper on freezing plants has been read with interest. I hope you will get a copy of Flint's Report and read my papers on circulation of sap.* Are not our perennial endogens, grasses, lilies, etc., frozen as solid as the buds of endogens? I am now investigating these questions, and among other, observations have just determined the amount of sap in the branches of trees. It is from 40 to 60 per cent.! *It freezes of course.* It is surprising to see how the buds of poplars, willows, etc., which started to expand weeks ago and have been frozen stiff repeatedly since continue to develop every warm day. We have need to make thousands of observations on our own trees before we thoroughly understand their wonderful structure and individual peculiarities.

Very Truly Yours,

W. S. CLARK.

No higher authority upon anything connected with the subject of sap can be named than this. Two copies of our reply to the criticism were forwarded to the critic—one addressed to the Gardener's Monthly and the other to the editor by name, without eliciting further criticism.

WM. T. HARLOW,

For the Committee.

We submit the following award of premiums:

AT THE SEPTEMBER EXHIBITION.

CLASS 1.—

For the best six named varieties of ten specimens each,
S. Sears ..... $ 6 00
For the second best, O. B. Hadwen ..... 4 00
For the third best, C. Morse, Jr ..... 2 00
Edward S. Howe, gratuity ..... 2 00
S. S. Foster, gratuity ..... 2 00

CLASS 2.—(SINGLE PLATES.)—

For the best ten Red Astrachan, N. Wood, Millbury ..... 2 00
For the best ten Duchess of Oldenburg, Wm. Eames ..... 2 00
For the best ten Golden Sweet, C. Morse, Jr ..... 2 00

* Of the paper referred to, after its reading by Col. Clark before the State Board of Agriculture at their Fitchburg meeting in December, 1873, the lamented Agassiz, whose attendance there was the last public act of his life, is reported by Mr. Flint to have said to the Board: "The production of this one paper has amply paid for every dollar which the State has thus far bestowed on the Agricultural College."
Agriculture of Mass., 1873-4; page 205.

For the best ten Gravenstein, Addison Lovell, West Boylston 2 00
For the best ten Holden Pippin, S. S. Foster..... 2 00
For the best ten Maiden's Blush, T. E. St. John..... 2 00
For the best ten Porter, H. Marble, Millbury..... 2 00
For the best ten Sheppard's Sweet, S. S. Foster..... 2 00
For the best ten Sweet Bough, no award..... 2 00
For the best ten Williams' Early Red, C. Morse, Jr..... 2 00
For the best ten Washington Strawberry, C. T. Foster, Holden 2 00
For the best ten of any other sort (Drap d'Or) W. Y. Holman 2 00

GRATUITIES.—

C. H. Smith, of Millbury, Pumpkin Sweet..... 1 00
C. E. Brooks, Fall Greening..... 1 00

AT THE OCTOBER EXHIBITION.

CLASS 1.—

For the best collection of not less than twenty-five nor more than thirty varieties, ten specimens of each variety, O. B. Hadwen.....$15.00
For the second best, S. Sears..... 12 00
For the third best S. S. Foster..... 9 00

CLASS 2.—

For the best twenty named varieties, of ten specimens each, no award..... 12 00
For the second best, no award..... 9 00
For the third best, no award..... 6 00

CLASS 3.—

For the best twelve named varieties, of ten specimens each. Revoked. See Gratuities..... 10 00
For the second best, no award..... 7 00
For the third best, no award..... 4 00

CLASS 4.—

For the best six named varieties, of ten specimens each, E. S. Howe..... 6 00
For the second best, D. H. Searles of Sutton..... 4 00
For the third best, H. Harlow of Shrewsbury..... 2 00

CLASS 5.—

For the best three named varieties, of ten specimens each, E. S. Howe..... 4 00
For the second best, G. Harlow of Shrewsbury..... 3 00
For the third best, Wm. Howe of Millbury..... 2 00

CLASS 6.—

For the best collection, of not less than four new varieties, not previously exhibited, no award ..... 5 00
For the next best, no award..... 3 00

GRATUITIES FOR COLLECTIONS.—

C. E. & A. H. Bennett of Holden, gratuity of ..... 3 00
P. Holman of Leicester, gratuity of..... 2 00
I. Mills, gratuity of ..... 2 00
H. Marble of Millbury, gratuity of..... 2 00
N. Wood of Millbury, gratuity of..... 2 00
E. M. Banning, gratuity of..... 6 00
A. H. Sears, gratuity of ..... 2 00
E. B. Rice, gratuity of ..... 2 00
W. S. Lincoln, gratuity of ..... 2 00
W. H. Eastman, gratuity of ..... 2 00
Mrs. G. A. Chamberlain, gratuity of ..... 2 00
W. Eames, gratuity of ..... 2 00
C. T. Foster, gratuity of ..... 6 00
S. Putnam, gratuity of..... 6 00

CLASS 7.—(Single Plates.)—

For the best ten Baldwin, Mrs. J. M. Schofield ..... 2 00
For the best ten Cogswell, A. Moore..... 2 00
For the best ten Holden Pippin, C. T. Foster, Holden..... 2 00
For the best ten Hubbardston Nonesuch, F. McCracken, of Millbury..... 2 00
For the best ten Leicester Sweet, S. Sears..... 2 00
For the best ten Mother, S. Sears..... 2 00
For the best ten Northern Spy, S. Putnam..... 2 00
For the best ten Washington Royal, O. B. Hadwen..... 2 00
For the best ten Peck's Pleasant, S. S. Foster..... 2 00
For the best ten Porter, H. Marble, Millbury ..... 2 00
For the best ten Rhode Island Greening, Wm. Howe, of Millbury..... 2 00
For the best ten Roxbury Russett, H. Marble, of Millbury... 2 00
For the best ten Sheppard's Sweet, S. S. Foster..... 2 00
For the best ten Tallman's Sweet, N. Wood, of Millbury..... 2 00
For the best ten Sweet Apples of any other variety than here named, C. T. Foster, of Holden, (Sweet Russett)..... 2 00
For the best ten Williams' Early Red, C. Morse, Jr..... 2 00
For the best ten Twenty Ounce, O. B. Hadwen..... 2 00

For the best ten Washington Strawberry, C. T. Foster, of Holden ..... 2 00
For the best ten of any other sort, W. Williams, (Gravenstein) 2 00

GRATUITIES.—(For Single Plates.)—

John Broadbent, of Millbury, (Yellow Belleflower)..... 1 00

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## REPORT ON GRAPES, PEACHES, &c.

Committee.—William H. Earle, *Chairman;* Thomas M. Lamb, W. W. Cook, Horatio Phelps, Thomas A. Dawson, of *Worcester;* Paul Whitin, George Cruickshanks, of *Whitinsville;* F. M. Marble, of *Grafton;* and Joseph C. Lovell, of *West Boylston.*

AT THE SEPTEMBER EXHIBITION.

GRAPES.

For the best collection of not exceeding eight named varieties, grown under glass, two clusters of each variety, P. L. Moen. $12 00
For the second best, no entry..... 9 00
For the third best, no entry..... 6 00
For the best two clusters of Black Hamburg, no award..... 2 00
For the second best, P. L. Moen..... 1 00
For the best two clusters of any other Black Grape, no award..... 2 00
For the second best, no award..... 1 00
For the best two clusters of White Muscat, no award..... 2 00
For the second best, S. Salisbury..... 1 00
For the best two clusters of any other variety of White, P. L. Moen, 2 00
For the second best, no award..... 1 00
For the best four ripe clusters of any early native variety of out-door Grape, no award..... 3 00
For the second best, "H. Prolific," Wm. Y. Holman..... 2 00
For the third best, Wm. H. Earle..... 1 00

PEACHES.

For the best collection of six varieties, not less than ten specimens each, Wm. Howe, Millbury..... 8 00
For the second best, T. F. Greenleaf, Shrewsbury..... 5 00
For the third best, no award..... 2 00
For the best three varieties of twelve specimens each, Wm. Howe, Millbury..... 5 00

For the second best, Wm. Eames..... 3 00
For the third best, James Draper, (gratuity)..... 2 00
For the best one variety of twelve specimens, "Early Crawford," F. Hancock..... 3 00
For the second best, "Stump the World," Wm. Howe, Millbury..... 2 00
For the third best, "Early Crawford," Mrs. E. Thomas..... 1 00
Superior Seedling Peach, A. N. Chase, gratuity..... 2 00

PLUMS.

For the best collection of not less than four named varieties, Samuel Putnam..... 5 00
For the second best, no award..... 3 00
For the best three varieties, Mrs. H. Sturtevant..... 3 00
For the second best, no award..... 2 00
For the best single plate "Buel's Favorite," J. C. Lovell..... 3 00
For the second best, Yellow Gage, S. S. Foster..... 1 00
"Damson" and "Holland" Moses Church, gratuity..... 1 00
Lawton Blackberry, A. A. Ballou, Grafton, gratuity..... 1 00

AT THE OCTOBER EXHIBITION.

For the best collection of well-ripened out-door grapes, not less than six nor exceeding fifteen varieties, of four clusters each, F. J. Kinney..... $8 00
For the second best, Moses Church..... 5 00
For the third best, no award..... 3 00
For the best four clusters of Concord, D. H. Bassett..... 3 00
For the best four clusters of Croton, no award..... 3 00
For the best four clusters of Delaware, Charles Nash..... 3 00
For the best four clusters of Diana, Horatio Phelps..... 3 00
For the best four clusters of Eumelan, F. J. Kinney..... 3 00
For the best four clusters of Hartford Prolific, J. F. Allen..... 3 00
For the best four clusters of Iona, T. M. Lamb..... 3 00
For the best four clusters of Israella, no award..... 3 00
For the best four clusters of Martha, George M. Pierce..... 3 00
For the best four clusters of Rogers No. 3 (Massasoit), no award.. 3 00
For the best four clusters of Rogers No. 4 (Wilder), Horatio Phelps 3 00
For the best four clusters of Rogers No. 7, no award..... 3 00
For the best four clusters of Rogers No 9 (Lindley), Horatio Phelps 3 00

For the best four clusters of Rogers No. 15 (Agawam), no award. 3 00
For the best four clusters of Rogers No. 19 (Merrimac), F. M. Marble 3 00
For the best best four clusters of Rogers No. 43 (Barry), no award 3 00
For the best four clusters of Salem, Horatio Phelps..... 3 00
For the best four clusters of Senasqua, no award..... 3 00
For the best four clusters of Walter, Henry Phelps..... 3 00
For the best four clusters of Worden's Seedling, Joseph C. Lovell 3 00
For the best four clusters of any other variety of superior quality, no award..... 3 00

QUINCES.

For the best collection of not less than three varieties, no award.. 5 00
For the second best, no award..... 3 00
For the best twelve Orange Quinces, Mrs. H. Sturtevant..... 3 00
For the second best, Newell Wood..... 2 00
For the best twelve of any other variety, no award..... 2 00
For the second best, no award..... 1 00

A gratuity of one dollar each to Charles Nash, Edward W. Lincoln and Charles T. Foster, for Orange Quinces.

CANNED FRUITS.—

For the largest and best collection, H. C. Mascroft..... 8 00
For the second best, no award..... 6 00
For the third best, no award..... 4 00

But one collection of Canned Fruits was presented to your Committee, by H. C. Mascroft, of which they feel warranted in saying, for variety and perfection in canning, that it is well worthy of the premium awarded. Mr. Mascroft has a patent valve to his cans which appears to be worthy of notice.

Your Committee recommend gratuities of three dollars to James Draper for his Collection of Peaches, and also one dollar to E. R. Rice and Gideon Harris for each a plate of Late Crawfords.

F. M. MARBLE,
For the Committee.

## REPORT ON PLANTS, FLOWERS, &c.

COMMITTEE.—Samuel Flagg, *Chairman;* George E. Francis, James L. Burbank, Charles Madaus, Clarendon Harris, David S. Messinger, Henry Woodward and Henry L. Shumway, of *Worcester.*

With the enlargement of the Society's Hall, and the increased facilities for exhibiting Horticultural products, we return to our old quarters with feelings of satisfaction and delight.

Although the old has become nearly obliterated by additions to the rear, improvements in front and on all sides, which thus far meet the entire satisfaction of the Society, as also their wants; still there are fears that the present capacity may not prove equal to the growth of the Society.

The contributions of Flowers for the year 1874 have been unusually large, with a decided improvement in selection and arrangement as compared with past years. Scarce an entry has been made that does not merit a premium or a gratuity, and would receive it had the Committee the means at their disposal. There are none but what deserve special comment.

Never has the zeal for keeping the stands, bouquets, displays, &c., in a fresh condition throughout the exhibition, been so generally observed as at this present season. This has been the special design in withholding the reports of this department until the result has been satisfactorily obtained. It is with pleasure that your committee submit the following list of premiums for your approval.

SAM'L FLAGG, *Chairman.*

AT THE SEPTEMBER EXHIBITION.

ASTERS.—

| | |
|---|---|
| For the best display, W. W. Cook | $4 00 |
| For the second best, P. L. Moen | 3 00 |
| For the third best, C. A. Keyes | 2 00 |
| For the fourth best, H. Ballard | 1 00 |

BASKET.—(HANGING.)—

| | |
|---|---|
| For the best, grown at least one month in the basket, (out doors,) Dr. Geo. Francis | 3 00 |
| For the second best, P. M. McDonald, | 2 00 |
| For the third best, no award | 1 00 |

BOUQUETS.—(HAND.)—

| | |
|---|---|
| For the best pair, C. D. Thayer | 3 00 |
| For the second best, Mrs. C. W. Hamilton | 2 00 |

BOUQUETS.—(Parlor.)—

For the best pair, no award..... 4 00
For the second best, Edgar Ballard..... 2 00
For the third best, Mrs. D. Tainter..... 1 00

DAHLIAS.—Class 1.—

For the best twelve named varieties, C. D. Thayer ..... 3 00
For the second best, H. Ballard..... 1 00

Class 2.—

For the best twelve liliputian varieties, no award..... 3 00

DESIGN.—(Floral.)—

For the best, C. D. Thayer..... 6 00
For the second best, Miss Ella Ward, Shrewsbury..... 4 00

FLOWERS.—(Cut.)—

For the best Collection, and best kept during the Exhibition, of not less than two, nor exceeding five stands, Mrs. D. Tainter 6 00
For the second best, C. D. Thayer..... 4 00
For the third best, S. Salisbury..... 2 00
For the best stand, Mrs. D. Scott..... 3 00
For the second best, Miss E. White..... 2 00
For the third best, Mrs. T. L. Nelson..... 1 00
For the best arranged basket or dish, C. D. Thayer..... 3 00
For the second best, Mrs. T. L. Nelson..... 2 00

GLADIOLUS.—

For the best Collection, named or unnamed varieties, from any source, Miss Abbie Lovell, Boylston..... 5 00
For the second best, C. D. Thayer..... 3 00

Class 1.

For the best fifteen named varieties, no award..... 5 00
For the second best, Mrs. M. B. Green..... 3 00

Class 2.

For the best ten named varieties, no award..... 3 00
For the second best, no award..... 2 00
For the best specimen spike, Miss Abbie Lovell, West Boylston, 1 00
For the best seedling, Miss Abbie Lovell, West Boylston.... 1 00

PANSIES.—

For the best display, Mrs. C. W. Hamilton..... 3 00
For the second best, Mrs. C. L. Hartshorn..... 2 00
For the third best, Mrs. Shaff, Leicester..... 1 00

PINKS.—(China.)—

For the best display, Mrs. C. W. Hamilton..... 3 00
For the second best, Miss Abbie Lovell, West Boylston.. 1 00

PETUNIAS.—

For the best display, W. W. Cook..... 3 00
For the second best, Mrs. Louise A. Bangs..... 2 00

SCABIOSA.—

For the best display, not less than three colors, no award..... 2 00
For the second best, no award..... 1 00

SWEET PEAS.—

For the best display, C. D. Thayer..... 2 00

VERBENAS.—

For the best display, C. A. Keyes..... 3 00
For the second best, Mrs. C. W. Hamilton..... 2 00
For the third best, Edgar Ballard..... 1 00
For the best display of seedlings, Mrs. C. Brooks..... 2 00
For the second best, C. D. Thayer..... 1 00

ZINNIAS.—

For the best display, no award..... 2 00

GRATUITIES.—

For collections of Phlox, Petunias and Cut Flowers. Mrs. S. E. Fisher..... 2 00
For two dishes Cut Flowers, Mrs. M. J. Bennett, Holden..... 1 00
For wreaths of Immortelles, Mrs. David Fitts, Oxford..... 1 00
For dish of Wild Berries and Flowers, Mrs. Shaff, Leicester... 2 00
For Floral Design, (not basket as entered,) Mrs. St. John... 1 00
For dish of Cut Flowers, Mrs. Ida W. Johnson..... 1 00
For Floral Design, (anchor) W. W. Cook..... 2 00
For display of Sweet Peas, Zinnias, Geraniums and Gladiolus, Mrs. J. S. Baldwin..... 2 00
For Garden Basket, Mrs. Nelson..... 2 00
For display of China Pinks and Drummond Phlox, Mrs. C. L. Hartshorn..... 1 00
For Floral Design, (arch of English Ivy and cut flowers,) Edgar Ballard..... 2 00
For three stands Cut Flowers, Mrs. Thomas..... 3 00
For two stands Cut Flowers, Mrs. C. Brooks..... 2 00
For display of Hot House Plants, W. W. Cook..... 2 00

MASSACHUSETTS AGRICULTURAL COLLEGE

Special notice should be made of the floral design by Mrs. David Scott. The Committee would suggest fewer flowers in the arrangement. The design was beautiful, and added much to the appearance of the Hall, but was too compact for taste.

The design by Mrs. C. L. Hartshorn was entered too late for competition; so also the very finely arranged dish from Miss Susan Chamberlain.

Mrs. M. H. Morse contributed a fine wall bouquet of Asters; also a well arranged dish of Petunias.

Mrs H. B. Buck's standard dish was very tastily arranged, as was the basket of Zonale Geraniums by Mrs. W. Y. Holman.

The stand of cut flowers by Mrs. Jonathan Fawcett attracted universa notice. The entry was made too late for competition.

One of the finest contributions was a basket of Tea Roses, from Miss M. J. Fox; beautiful, as her contributions always are.

No fault could be found with the dish of cut flowers from Miss E. White, or with the arrangement of flowers by Mrs. Charles Gilbert.

Mrs. Morey, of Shrewsbury, one of our constant contributors, deserves special notice for her interest in the success and welfare of the Society.

The Committee regret that they have not the means at their disposal to award premiums and gratuities to the above and many more contributors, of which the time will not allow further notice. We hope the time is not far distant when all shall be rewarded for their trouble and interest.

## AT THE OCTOBER EXHIBITION.

### STOVE AND GREENHOUSE PLANTS.

PLANTS WITH ORNAMENTAL FOLIAGE.—

| | |
|---|---|
| For the best twelve, W. T. Merrifield | $20 00 |
| For the second best, S. Salisbury | 12 00 |
| For the best six, (not awarded—set incomplete—there being a repetition from the best twelve) | 10 00 |
| For the second best, P. L. Moen | 5 00 |
| For the best single, C. E. Hovey & Co., Boston | 3 00 |
| For the second best, S. Salisbury | 1 00 |

PLANTS IN BLOOM.—

| | |
|---|---|
| For the best six, C. W. Hamilton | 15 00 |
| For the second best, no award | 10 00 |
| For the third best, S. Salisbury | 5 00 |
| For the best single, no award | 3 00 |
| For the second best, no award | 1 00 |

RARE AND NEW PLANTS.—

For the best collection, James Comley, Lexington..... 8 00
For the second best, C. E. Hovey & Co., Boston..... 4 00

FERNS AND LYCOPODS.—

For the best collection, W. T. Merrifield..... 10 00
For the second best, S. Salisbury..... 5 00

HANGING BASKET.—

For the best, grown at least one month in the basket, C. D. Thayer..... 3 00
For the second best, P. L. Moen..... 2 00
For the third best, no award..... 1 00

PARLOR PLANTS IN POTS.—(From Amateurs.)—

For the best collection, not exceeding twelve varieties, Mrs. C. E. Brooks..... 6 00
For the second best, Mrs. David Scott..... 4 00
For the third best, Mrs. Morey, Shrewsbury..... 2 00

SINGLE PLANT.—

For the best, Mrs. Jonathan Fawcett..... 3 00
For the second best, Miss Mary Phelps..... 2 00
For the third best, Mrs. Jonathan Fawcett..... 1 00

FERNERY OR WARDIAN CASE, from any source.—

For the best, Mrs. David Scott..... 6 00
For the second best, C. D. Thayer..... 4 00
For the third best, no award..... 2 00

CUT FLOWERS.—

For the best Collection and best kept during the exhibition, of not lesss than two, nor exceeding five stands, C. D. Thayer..... 3 00
For the second best, no award..... 2 00
For the third best, no award..... 1 00
For the best Stand, Mrs. David Scott..... 2 00
For the second best, Mrs. C. E. Brooks..... 1 00
For the best arranged Basket or Dish, Mrs. C. E. Brooks..... 2 00
For the second best, Mrs. T. L. Nelson..... 1 00

CHINA PINKS.—

For the best display, Miss A. Lovell, West Boylston..... 2 00

IMMORTELLES.—

For the best collection of named varieties, (names of varieties wanting,) no award..... 3 00
For the second best, no award..... 2 00

ORNAMENTAL GRASSES.—

For the best display, no award..... 3 00
For the second best, no award..... 2 00

PANSIES.—

For the best display, C. A. Keyes..... 3 00
For the second best, Mrs. Shaff, Leicester..... 2 00
For the third best, no award..... 1 00

VERBENAS.—

For the best display, C. D. Thayer..... 3 00
For the second best, no award..... 2 00
For the best display of seedlings, no award..... 2 00
For the second best, no award..... 1 00

SPECIAL PREMIUM.—(*Offered by the President.*)

For the best two plants of Zonale Geraniums, single or double, of any color, in bloom—to be awarded by George Cruickshanks—a Cup, valued at $10.00, the name of the contributor not to be attached to the plants, Mrs. C. W. Hamilton. 10 00

Although special pains was taken by the Committee of Arrangements to equalize the space allotted to the several departments, yet on receiving the contributions they were obliged to compress, very much to the dissatisfaction of the contributors, and also to the annoyance of those whose duty it was to assign a place and space for everything offered. The Committee, however, were pleased to see not only new contributors to our collections, but contributions of new and rare varieties outside the County, increasing both the attraction and interest of our Annual Exhibitions. Competition for premiums is open to all. With this understanding the Committee have awarded the above premiums. The gratuities are as follows:

To Messrs. C. E. Hovey of Boston, James Comley of Lexington, for their fine collection of Ornamental Foliage Plants, a gratuity of (each)..... .....$10 00
To Mr. C. A. Keyes, for collection of Asters grown in pots... 1 00
To Mrs. E. Thomas, for dish of Cut Flowers and Bouquet.... 1 00
To Harry Nelson, for collection of Native Ferns and Plants.. 1 00

To Miss Abbie Lovell, (West Boylston) for one stand of Seedling Gladiolus..... 1 00
To Mr. James Comley, for one stand of named Dahlias..... 2 00
To H. and E. Kinney, for collection of Wild Flowers and Berries..... 2 00
To Mrs. W. Y. Holman, for collection of Parlor Plants..... 2 00

Of the collections of Immortelles, there was a fine display; the ones from Mrs. Shaff wanting names only to entitle her to a premium. So also in the display of Ornamental Grasses, all of which should be cultivated, and not collections from the fields and meadows The first premium for the best six (6) Ornamental Foliage Plants was withheld from the fact that there was a repetition from the best twelve in the collection, (*Pine Ansonii.*) Respectfully submitted,

SAMUEL FLAGG, *Chairman.*

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## REPORT ON PEARS.

COMMITTEE.— Henry L. Parker, *Chairman;* Henry Phelps, John C. Newton, James Draper, S. Harrison Knox, Alfred Davis, of *Worcester;* Newell Wood, of *Millbury;* and John F. Johnson, of *Northborough.*

The plan adopted the present year of reducing to one or two classes the premiums offered for collections and opening the competition for premiums to contributors not members of the Society or resident in the County, has been productive of good results in at least two respects. It has increased the number and raised the standard of entries of single plates, thereby sharpening the competition for the same, while it has also demonstrated or at least suggested with emphasis, what ought long ago to have been more apparent, that the size and weight of specimens are not the only tests of merit.

In the collection of fifteen plates of the Messrs. Hovey to whom the first premium was awarded, it is worthy of note, that while each plate was of a first-class variety, the prevailing feature was the excellence and perfection rather than the giant proportions of the specimens exhibited.

Among the more prominent new pears exhibited were the St. Crispin, the Marie Louise D'Uccles, Gen. Todleben and Goodale. Of the Todleben it is unnecessary to speak. It has been grown by a few members of the Society and has been for some time favorably known to many others.

Specimens of the St. Crispin and Marie Louise D'Uccles were ripened and tested by the Committee who were not highly enough impressed with the quality of either to be able with any degree of confidence to recommend them for cultivation. The D'Uccles is coarse-grained like the Duchesse d'Angouleme, which pear it closely resembles with the exception that the sweetness of the Duchesse is replaced in the D'Uccles with a sub-acid flavor. The St. Crispin bears unmistakeable marks of its parentage in shape, color and general appearance, but although a prominent fruit-grower has pronounced it "a better pear than the Bartlett ever was," the Committee are unable to confirm this testimony.

Mr. J. C. Lovell has been for two or three years the only exhibitor of the Goodale. It is a good pear, but there are so many of the same season equal if not superior in quality that it can hardly be recommended for growing on that account alone. It is said to be, however, a thrifty grower and most abundant bearer.

Mr. S. V. Stone exhibited some new seedling pears produced by Mr. Eliphalet Stone of Norfolk County which promise much excellence. One of them especially, a Russet pear, shaped somewhat like the Lawrence, but resembling in flavor the Winter Nelis, was thought to be first-class in quality.

The Committee award the following premiums :

AT THE SEPTEMBER EXHIBITION.

CLASS 1.—

| | |
|---|---|
| For the best five named varieties of twelve specimens each, in season, Stephen S. Foster | $6 00 |
| For the second best, in season, James Draper | 4 00 |
| For the third best, in season, F. M. Marble | 2 00 |

CLASS 2.—(SINGLE PLATES.)

| | |
|---|---|
| For the best twelve Bartlett, M. O. Whittier | 4 00 |
| For the second best, Moses Church | 2 00 |
| For the third best, Mrs. G. A. Chamberlain | 1 00 |
| For the best twelve Belle Lucrative, Alfred Davis | 2 00 |
| For the second best, W. H. Earle | 1 00 |
| For the best twelve Clapp's Favorite, S. S. Foster | 4 00 |
| For the second best twelve, A. A. Ballou, of Grafton | 2 00 |
| For the third best twelve, J. C. Lovell | 1 00 |
| For the best twelve Dearborn's Seedling, Joseph C. Lovell | 2 00 |
| For the best twelve Doyenne Boussock, P. L. Moen | 2 00 |
| For the best twelve Flemish Beauty, D. Kinsley | 3 00 |

For the second best twelve, O. B. Hadwen..... 2 00
For the third best twelve, Moses Church..... 1 00
For the best twelve Howell, Moses Church..... 2 00
For the second best twelve, Charles Richardson..... 1 00
For the best twelve Paradis d' Automne, James Draper..... 2 00
For the second best twelve, Stephen S. Foster..... 1 00
For the best twelve St. Ghislain, Stephen S. Foster..... 2 00
For the second best twelve, Newell Wood, Millbury..... 1 00
For the best twelve Washington, no award..... 2 00
For the second best, no award..... 1 00

CLASS 3.—(New Pears.)

For the best twelve Beurre de l' Assomption, E. W. Lincoln, 2 00
For the best twelve Souvenir du Congres, no entry..... 2 00

AT THE OCTOBER EXHIBITION.

CLASS 1.—

For the best fifteen (15) named varieties of twelve specimens each, the varieties being restricted to those classified among the single plates, C. H. Hovey & Co., Boston..$20 00
For the second best, S. S. Foster..... 15 00
For the third best, F. M. Marble (Grafton)..... 10 00
For the fourth best, Wm. H. Earle..... 5 00

CLASS 2.—(Single Plates.)—

For the best twelve Beurre Bosc (on one plate,) P. L. Moen.. 5 00
For the second best, M. Church..... 3 00
For the third best, H. Chapin..... 1 00
For the best twelve Beurre Clairgeau, V. P. Townsend..... 2 00
For the best twelve Beurre d' Anjou, A. Davis..... 5 00
For the second best, Newell Wood, Millbury..... 3 00
For the third best, S. J. Brimhall..... 1 00
For the best twelve Beurre Diel, Samuel Smith..... 2 00
For the second best, S. Salisbury..... 1 00
For the best twelve Beurre Hardy, S. H. Colton..... 2 00
For the second best, V. P. Townsend..... 1 00
For the best twelve Beurre Langelier, F. Stiles..... 2 00
For the best twelve Beurre Superfin, Moses Church..... 3 00
For the second best, S. J. Brimhall..... 2 00
For the third best, C. E. and A. H. Bennett, Holden..... 1 00
For the best twelve Dix, J. C. Lovell, West Boylston..... 2 00
For the best twelve Doyenne du Comice, S. H. Colton..... 5 00

| | |
|---|---|
| For the second best, Wm. Workman | 3 00 |
| For the third best, S. Salisbury | 1 00 |
| For the best twelve Duchesse d' Angouleme, E. L. Brigham | 5 00 |
| For the second best, J. C. Newton | 3 00 |
| For the third best, M. Church | 1 00 |
| For the best twelve Durandeau, C. Richardson | 2 00 |
| For the second best, no entry | 1 00 |
| For the best twelve Glout Morceau, E. W. Lincoln | 5 00 |
| For the second best, J. F. Allen | 3 00 |
| For the third best, H. Williams | 1 00 |
| For the best twelve Howell, Moses Church | 2 00 |
| For the second best, Mrs. Shaff, Leicester | 1 00 |
| For the best twelve Josephine de Malines, no award | 3 00 |
| For the second best, no award | 2 00 |
| For the best twelve Lawrence, S. J. Brimhall | 5 00 |
| For the second best, Wm. H. Earle | 3 00 |
| For the third best, Wm. S. Lincoln | 1 00 |
| For the best twelve Louise Bonne de Jersey, Moses Church | 5 00 |
| For the second best, Samuel Smith | 3 00 |
| For the third best, Mrs. G. A. Chamberlain | 1 00 |
| For the best twelve Marie Louise, Newell Wood, Millbury | 3 00 |
| For the second best, Chas. T. Foster, Holden | 2 00 |
| For the best twelve Mt. Vernon, Joseph C. Lovell, West Boylston | 2 00 |
| For the best twelve Onondaga, Wm. H. Earle | 2 00 |
| For the second best, C. E. and A. H. Bennett, Holden | 1 00 |
| For the best twelve Seckel, Isaac Mills | 5 00 |
| For the second best, Mrs. Marshall Flagg | 3 00 |
| For the third best, Wm. S. Lincoln | 1 00 |
| For the best twelve Sheldon, J. C. Whitin, Whitinsville | 3 00 |
| For the second best, S. S. Foster | 2 00 |
| For the third best, Wm. G. Maynard | 1 00 |
| For the best twelve St. Michel, no award | 2 00 |
| For the second best, no award | 1 00 |
| For the best twelve St. Michel Archange, J. C. Newton | 2 00 |
| For the second best, no award | 1 00 |
| For the best twelve Urbaniste, V. P. Townsend | 3 00 |
| For the second best, J. C. Lovell, West Boylston | 2 00 |
| For the best twelve Vicar of Winkfield, J. L. Estey | 3 00 |
| For the second best, Wm. S. Lincoln | 2 00 |

For the best twelve Winter Nelis, E. W. Lincoln..... 5 00
For the second best, H. Williams..... 3 00
For the third best, James F. Allen..... 1 00

CLASS 3.—(New Pears.)—

There being no Entries, there was of course no award.

HENRY L PARKER, *Chairman.*

## REPORT ON VEGETABLES.

Committee.—Alexander Marsh, *Chairman;* Thomas R. Norcross, John D. Lovell, Rufus Carter, O. L. Hatch, Charles Belcher, William H. Hackett and Daniel Bemis, of *Worcester.*

The Committee on Vegetables have attended to their duty, and beg leave to report: The Trustees have made the experiment of having two shows this year. The first, September 8th, at which time only Melons and Tomatoes competed for premiums. The Tomatoes were very fine and choice collections. There were offered for exhibition three splendid cabbages, and two plates of peppers. October 6th the second exhibition commenced, with large and fine specimens of all kinds of Vegetables. Your Committee found it difficult to decide between the different collections, they being so nearly equal. Also in the Specials, there was great competition, and so little difference that it would take a scientific farmer to make choice of those entitled to a premium. The season having been uncommonly good the specimens were mostly above the ordinary size, and, so far as we were able to judge, of good quality. Should the Trustees continue the two Exhibitions, your Committee would recommend that at the first all early Vegetables be brought in for premium, such as Melons, Tomatoes, Squashes, Beets, Beans, Cucumbers, and especially several varieties of early Corn, etc., and that all Vegetables be in the Hall on or before 4 o'clock P.M., instead of 6 o'clock as heretofore, so as to give the Committee time to arrange the different collections and specials in their respective places. The number of varieties in each collection should also be stated, for the Committee to work by; and those not having the required number should not be considered as competing for the premiums.

The Committee have made the following awards, viz. :

AT THE SEPTEMBER EXHIBITION.

MELONS.—

For the best two Water, no award..... $3 00
For the second best, no award..... 1 00
For the best Green Flesh, three specimens, Phillip L. Moen.. 2 00
For the best Yellow Flesh, three specimens, Stephen Salisbury 2 00

TOMATOES.—

For the best collection, not less than six varieties and not less than twelve of each variety, Thomas A. Dawson.... 5 00
For the second best, Sylvanus Sears..... 3 00
For the third best, Samuel Putnam..... 1 00
For the best Boston Market, Samuel Putnam..... 2 00
For the best twelve Lester, Thomas A. Dawson..... 5 00
For the best twelve Tilden, Samuel Putnam..... 2 00
For the best twelve Trophy, William Y. Holman..... 2 00
For the best twelve of any other named variety (Hathaway) C. L. Hartshorn..... 2 00

Three Cabbages, contributed by Sylvanus Sears, were of fine quality.
Two plates of very nice Peppers were exhibited by Samuel Putnam.

AT THE OCTOBER EXHIBITION.

CLASS 1.—

For the best collection of Vegetables, Thomas A Dawson....$20 00
For the second best, no award..... 15 00
For the third best, no award..... 10 00

☞The collection of Vegetables must consist of the following :

| | | | | | |
|---|---|---|---|---|---|
| Beans, | 4 | varieties. | Egg Plant, | 1 | varieties. |
| Beets, | 4 | " | Onions, | 2 | " |
| Cabbage, | 4 | " | Parsneps, | 2 | " |
| Carrots, | 2 | " | Peppers, | 2 | " |
| Cauliflowers, | 1 | " | Potatoes, | 4 | " |
| Celery, | 1 | " | Pumpkins, | 2 | " |
| Corn, | 3 | " | Squashes, | 4 | " |
| | | | Turnips, | 3 | " |

SPECIAL COMPETITION: [Open only to the Worcester City Farm and the State Lunatic Hospital.]

For the best general collection of Vegetables, no entry.....$12 00
For the second best, no award..... 8 00

CLASS 2.—Beets.

For the best twelve Long Blood, Philip L. Moen..... 2 00
For the best twelve Early Bassano, Thomas A. Dawson..... 2 00
For the best twelve Egyptian, no entry..... 2 00
For the best twelve Sugar, Samuel Putnam..... 2 00
For the best twelve Turnip, Cyrus A. Lovell..... 2 00
For the best twelve Mangold Wurtzel, S. Salisbury..... 2 00

CABBAGES.—

For the best collection of not less than five varieties, Cyrus A. Lovell..... 5 00
For the second best, Sylvanus Sears..... 3 00
For the best three large flat Brunswick, Thomas A. Dawson.. 3 00
For the best single specimen, no award..... 2 00
For the best three Drumhead, Simon E. Fisher..... 3 00
For the best single specimen Drumhead, weight not less than 30 lbs, no award..... 1 00
For the best three Drumhead Savoy, Simon E. Fisher..... 3 00
For the best single specimen, Cyrus A. Lovell..... 2 00
For the best three Early Sweinfurth, Simon E. Fisher..... 3 00
For the best single specimen, Sylvanus Sears..... 2 00
For the best three Red, E. S. Young..... 2 00
For the best single specimen, Thomas A. Dawson..... 1 00
For the best three Savoy, Cyrus A. Lovell..... 3 00
For the best single specimen, Cyrus A. Lovell..... 1 00

CARROTS.—

For the best twelve Early Horn or Short Scarlet, Mrs. S. D. Shaff, Leicester..... 2 00
For the best twelve Long Orange, Thomas A. Dawson..... 2 00
For the best twelve Red, no award..... 2 00
For the best twelve White, Cyrus A. Lovell..... 2 00

CAULIFLOWERS.—

For the best three specimens, Cyrus A. Lovell..... 3 00
For the best single specimen, Thomas A. Dawson..... 1 00

CELERY.—

For the best six roots, Mrs. S. D. Shaff..... 4 00
For the second best, H. R. & L. F. Kinney..... 2 00

CORN.

For the best collection of Sweet, not less than five varieties, Sylvanus Sears..... 5 00
For the second best, Alden H. Sears..... 3 00

For the best twelve ears of Sweet, Cyrus A. Lovell..... 2 00
For the second best, Thomas A. Dawson..... 1 00
For the best Yellow or Field, of twenty ears traced, Frank J. Kinney..... 2 00
For the second best, no award..... 1 00

CRANBERRIES.—

For the best peck, C. Morse, Jr..... 1 00

EGG PLANT.—

For the best four specimens, Cyrus A. Lovell..... 1 00

HORSE RADISH.—

For the best six roots, E. S. Young..... 1 00

ONIONS.—

For the best four varieties, a half peck of each, C. A. Lovell.. 3 00
For the second best, Thomas A. Dawson..... 2 00
For the best half peck of Red, Cyrus A. Lovell..... 1 00
For the best half peck of Silver Skin, Cyrus A. Lovell..... 1 00
For the best half peck of White Portugal, Cyrus A. Lovell... 2 00

PARSNEPS.—

For the best twelve Guernsey, Ashley Moore..... 2 00
For the best twelve Hollow Crown, C. Henry Smith, Millbury, 2 00
For the best twelve Student, Cyrus A. Lovell..... 2 00
For the best twelve Short, no award..... 2 00

POTATOES.—

For the best ten named varieties, a half peck of each, Cyrus A. Lovell..... 12 00
For the second best, Chas. W. Turner, Holden..... 8 00
For the third best, Mrs. M. E. Woodward..... 4 00

PUMPKINS.—

For the best three, weight not less than 20 lbs. each, Stephen Salisbury..... 2 00
For the second best, no award..... 1 00

PEPPERS.—

For the best half peck, Alden H. Sears ..... 1 00

SALSIFY.—

For the best twelve specimens, P. L. Moen..... 1 00

SQUASHES.—

For the best three pure Crookneck, Simon E. Fisher..... 2 00
For the best three pure Canada Crookneck, Simon E Fisher.. 2 00

For the best three pure Hubbard, Joab Hapgood, Shrewsbury, 2 00
For the best three pure Mammoth, no award..... 2 00
For the best three pure Marblehead, P. L. Moen..... 2 00
For the best three pure Marrow, Alden H. Sears..... 2 00
For the best three pure Turban, no award..... 2 00
For the best three pure Yokohama, Simon E. Fisher..... 2 00

TURNIPS.—

For the best twelve English or Flat, Simon E. Fisher..... 2 00
For the best twelve French White, no award..... 2 00
For the best twelve Ruta Baga or Swedes, Thomas A. Dawson 2 00

GRATUITIES ON VEGETABLES.—

Collection, Alden H. Sears..... 10 00
Collection, Sylvanus Sears..... 7 00
Collection of Potatoes, C. Morse, Jr..... 2 00
Collection of Potatoes, Mrs. Geo. A. Chamberlain..... 2 00
Collection of Potatoes, Frank J. Kinney..... 2 00
Mammoth Squash, Mrs. Geo. A. Chamberlain..... 1 00

All of which is respectfully submitted,

ALEXANDER MARSH, *Chairman.*

# ANNUAL REPORT

OF THE

## Secretary of the Worcester County Horticultural Society.

*To The Members of the Worcester County Horticultural Society:*

Re-assembled in this convenient and ample Hall, appropriated by your liberality to the especial purposes of the Library; and not less particularly, perhaps, assigned as planned for those Weekly Exhibitions to which the Society owes so much of its later prosperity; we may well leave to the curious student of our Records a narrative of the weary steps that pause at last upon the finished threshold of achievement. The tiresome monotony of appointment of Committee upon Committee; each anxious for improvement, but afraid or reluctant to initiate it; can there be traced at tedious length. The partial alteration,—the actual and unprofitable engagement of rooms elsewhere,—with the tenancy, for years, of Mechanics and Washburn Halls, are detailed upon many a page. Although much has been done that could be improved, were it to be done again; and although no one of the Committee having the work in charge will pronounce himself exactly suited in every respect, still there must be a concurrence of opinion that our property is materially benefited and quite adapted to the uses for which it was first constructed.

While it is not thought necessary to dilate largely upon the history of this improvement, a few words may be permitted in the ascription of their due meed of praise to those with whom its accomplishment more

especially rested. To the contractor,—Mr. Benjamin C. Jaques,—signal credit should be awarded for the taste which designed so skillfully that which his zeal and diligence wrought out as faithfully in execution. The Chairman of the Committee, Mr. O. B. Hadwen, ever manifested a constant and profound interest in the progress of the work. But it is the simplest justice to Mr. John C. Newton, to state thus publicly, in this Report, what was obvious at the time to some few, that the Society owes him a debt that can never be satisfied. For days and weeks together his attention was untiring and assiduous. He devoted his whole time to a personal supervision of the entire process of renovation, often suggesting alterations of striking novelty and value. Where others attempted and meant to do their duty, it is but fair to concede the palm to him whose well-doing wearied not.

The Society voted, at its Annual Meeting in 1873, to initiate a wide departure from the usages of the past. Almost from the foundation of the Society it has been the accepted custom to solicit the aid and contributions of all who felt kindly disposed, in the various departments of Floriculture and Pomology. It became inevitable, in the cordial response to such appeal, that the tables, at each Exhibition, should be cumbered with much that was little calculated to "advance the Science or promote the Practice of Horticulture." The plethora of articles, in turn, occasioned a deficiency of space, so that at last, in sheer helplessness, refuge was necessarily sought in the ampler accommodations of Mechanics Hall. But the greater room must not look dreary, nor unoccupied; and once more, with the enlarged space for our Exhibitions, went forth the call for more profuse contributions. A change had become imperative—the opportunity for it was furnished by the completion of the alterations just effected in Horticultural Hall.

As a preliminary step towards a remedy for this state of things, the Society determined, with some misgivings it is true, to try the experiment of holding two Exhibitions instead of the one which has ordinarily exhausted its energies. At the earlier of these it was anticipated that the Fruits, Flowers, etc., of the closing Summer might be seen in their prime. After an interval of a month, the products of the maturer Autumn, the ripened growth of the year, could be exhibited, as they had never been before, in consummate fruition. Many brilliant species of Flowers have been marred, or wholly cut off from view, in former seasons, by premature frosts, or the withering influence of drought. Half developed specimens of the Baldwin, or Roxbury Russett, were rudely plucked, but to be placed in violent juxtaposition to the Gravenstein or Duchess of Oldenburg. The Bartlett and Flemish Beauty found themselves pitted, in un-

natural rivalry, against the Beurre d' Anjou or Winter Nelis. A radical change of this arrangement was indispensable. You are to be congratulated for having applied a remedy immediately upon perception of its necessity.

In his Annual Report for A. D. 1872, your Secretary urgently advised "the abolition of the existing system of classification ('of Apples and 'Pears') as meaningless and unprofitable, and the substitution therefor "of a direct competition between the different lots of the same variety." In his Report for A. D. 1873, repeating and enforcing that advice, he continued: "Now if there were any recognized standard of quality by which to determine the pre-eminence of a particular variety, our present system of classification might not be so objectionable. But, while one member of the Committee may find the Belle Lucrative grateful to his palate, another would rank it as insipid and utterly without merit. To many, the chief, if not only, recommendation of the Duchesse is its size. Take, however, the case of two lots, of different or partially the same varieties, yet all of conceded excellence, and what test shall be applied to decide between them? What comparison can be instituted between the Lawrence and Winter Nelis, each unsurpassed of its kind! Who shall decide that the Beurre d' Anjou is a better Pear than the Beurre Bosc, or *vice versa*? The truth is, that the whole theory is radically vicious, and justice becomes impossible of administration under the consequent practice."

The Committee, appointed to establish a Schedule of Premiums, recognizing the force of the argument, resolved so to shape their action as to give it at least partial effect. They therefore abolished a multiplicity of "classes" among Pears, retaining but two (2) of them at either the September or October Exhibition, without counting the "New Species," of which specimens were scarcely expected. The result is simply wonderful, more than justifying the most sanguine anticipations of your Secretary.

For your more precise intelligence of this whole matter, the more necessary as your co-operation is asked in a complete and sweeping application of the general principles, a table is appended of the Entries of Pears, at each Exhibition, whether in Classes or as Single Plates :

## SEPTEMBER EXHIBITION.

| Class One (1) Fifteen (15) Varieties. | | | Class Two. (2) Single Plates. | | |
|---|---|---|---|---|---|
| Contributors. | Plates. | Total Specimens. | Contributors. | Plates. | Total Specimens. |
| 8 | 40 | 480 | 30 | 80 | 960 |
| Aggregate of Pears in September, | | | - | - | 1,440 |

## OCTOBER EXHIBITION.

| Class One. (1) Fifteen (15) Varieties. | | | Class Two. (2) Single Plates. | | |
|---|---|---|---|---|---|
| Contributors. | Plates. | Total Specimens. | Contributors. | Plates. | Total Specimens. |
| 6 | 90 | 1,080 | 73 | 279 | 3,588 |
| Aggregate of Pears in October, | | | - | - | 4,668 |

Besides which there were offered, in the Classes where they were inappropriate, or for exhibition, exacting space that was illy spared, fifty-one (51) plates containing six hundred and twelve specimens.

A simple analysis of these figures supplies its own commentary. Fourteen (14) contributors to these two Exhibitions demanded and must have room for one hundred and thirty (130) plates, containing fifteen hundred and sixty (1560) specimens; whereas the display of forty-five hundred and forty-eight (4548) Pears excited the emulation and nerved the zeal of one hundred and three (103) competitors. Whatsoever was choicest and fairest—that which would arrest and rivet attention— in fact, the pick and cull from the entire crop was eliminated for array upon the Single Plates. Class One (1) the collection of fifteen varieties between which the diversities of appearance, size, and flavor might be as wide as the poles are apart, should be welcome to whatever remained after Class Two (2), with its Single Plates, was filled.

But, for a more forcible illustration of this point, let us consider the Apples—our staple and most valuable fruit:

## SEPTEMBER EXHIBITION.

| Class 1. | | | Class Two. (2) Single Plates. | | |
|---|---|---|---|---|---|
| Contributors. | Plates. | Total Specimens. | Contributors. | Plates. | Total Specimens. |
| 7 | 36 | 360 | 36 | 80 | 800 |

Aggregate of Specimens in September, - 1,160

## OCTOBER EXHIBITION.

| Classes 1, 2, 3, 4, 5, 6 | | | Class Seven. (7) Single Plates. | | |
|---|---|---|---|---|---|
| Contributors. | Plates. | Total Specimens. | Contributors. | Plates. | Total Specimens. |
| 27 | 286 | 2,860 | 45 | 184 | 1,840 |

Aggregate of Specimens in October, - - 4,700

The inadequacy of the space available for our Autumnal Exhibition (in October especially), was painfully evident. And yet, at that Exhibition, room was assigned to three hundred and seventy-six (376) plates, containing three thousand nine hundred and forty (3940) Apples and Pears, which were inferior to others of their kind upon the tables, and whose simple exclusion would not only have involved a proper saving of expense, but also a downright economy of labor. Room must be gained in some way. In what manner more effectually, or to greater satisfaction, than by the abolition of every remnant of an obnoxious system, which has no other recommendation but that of antiquity! It was well enough a generation since to avail ourselves of the experience of the Massachusetts Society. But we are now taught by a lifetime of personal observation, and have no excuse for disregard of its admonitions.

The evil is as apparent in the Vegetable Department, which justly demands so much of your attention, and which, within a few years, has been raised to a position of signal eminence. Competent judges expressed the opinion that a better display of Vegetables was never seen in

Massachusetts than that which struggled for exhibition last October in the Hall of CERES. And yet there too were great collections—mere numerical aggregates of species, of every one of which superior specimens were shown by the same contributors in their single lots. No man who proposes to contest the palm of excellence for Corn, Squashes or Potatoes will risk his chances by merging his best samples in a general collection, any more than he would imperil his whole hopes by first exhibiting his productions, blighting their freshness, at the poor old Hippodrome. All "general collections" in the Vegetable Department are as meaningless (while they are even more cumbersome) as they have been found among the Fruits. Your Secretary has no hesitation therefore, in advising that all general collections, whether of Apples, Pears or Vegetables, be abolished. That the sums thereby saved be applied to the greater encouragement of the several species in the various Genera of Field and Garden products. That quality be our sole aim, at the expense of quantity or specific gravity—this latter with due deference to the Committee on Pears. That, for example, three mangolds be accepted as evidence that a cartload just like them could have been piled up, to the annoyance of every one.

The holding of two Autumnal Exhibitions was so novel that much must be allowed for the inexperience of your Officers and Committees. A similar excuse will not suffice for another year. The amount of space at our command is a known quantity. The amount which can be assigned to the several departments should be as exactly determined. If Cut Flowers are welcomed in September they must be excluded in October. Where there is a will there is a way to the systematic arrangement of exhibitions. Frame our new schedule of premiums with strict heed to these suggestions; require its enforcement as rigidly as that of the ancient code, whereof we are told that it "altereth not," and you will find that your Halls are ample for the convenient display of everything worthy. For aught else let Agricultural Hall make provision.

In apparent contradiction to the preceding recommendation may be thought the advice that a special class be established in their proper department for Crab Apples. But their development, both in size and quality, has been so marked, of late years, that this Society would fall short of its surpassing aim did it fail to take full cognizance of their present absolute merit and of their prospective excellence.

The offices of Secretary and Librarian, having been disconnected at the last annual meeting of the Society, the condition of the Library will be presented to you by the officer in whose charge it is placed. At his request the duties of Librarian were discharged by your Secretary until

the first day of April, at which time the renovation of the Hall was commenced. But in relinquishing the trust so long committed to him, the writer may be pardoned if he seeks to impress you with a more profound sense of the absolute importance to the well-being and growth of the Society, that the Library should be kept easily and constantly accessible Our weekly meetings owe their origin to the perception of this need, and their permanence, so indispensable to our continued prosperity, can be secured in no other way. This Hall of Flora should be an attractive and comfortable place of resort for our members, to which they may come at any hour, with a reasonable assurance of finding books or magazines handy for consultation. Such accommodation is especially due to those of our associates who dwell in the towns of the County, whose occasions for visiting this City are uncertain and impossible of subjection to any fixed rule. The use of our Library is far too restricted at best. Let it not be our reproach that we accumulate knowledge but to seal it up hermetically.

The interest in Floriculture, so decidedly manifested in 1873, was plainly shown throughout the past summer. The offer of premiums for contributions by amateurs has been continued to common advantage. The fair grower of Flowers or Plants gets some compensation, slight enough it is true, for her trouble, while the public, or so many as take the pains to attend, have an opportunity of witnessing the results of combined skill and taste that would not be available otherwise. A marked advance was evident in the construction of Floral Designs, at the September Exhibition particularly. In this class, although many are content to display the merest patchwork, a larger number have set for themselves a high standard of excellence. All that can be done to stimulate ambition and foster effort in the Floral Department should be sanctioned with the warmest heartiness. The worship of Flora does not, it is too sadly true, exempt her devotees from the influence of envy and ungenerous feeling. But malice and all uncharitableness are not necessary attendants upon the love for beautiful things, and we can afford to watch and wait for that growth in grace which will be sure to ensue upon development in nature.

The interruption to our weekly meetings, caused by the work of alteration in our Halls, was somewhat prejudicial to the success of the Summer Exhibitions. The habit of attending them is easily lost in the hurry and bustle of life. Nevertheless, thanks to the zeal of those whose interest never flags, there was almost invariably something to repay study and invite examination. Upon the 19th of March a display was inaugurated for the first time in the vernal season of Azaleas, Primroses, and

Spring-blooming Bulbs. The contributions to that show were many and various, affording good promise for its repetition hereafter.

Much difficulty has been experienced throughout the year by the tardiness of the seasons—flowers and fruits scarcely ever maturing at the date anticipated. For the first time in fifteen years the Annual Exhibition of Roses and Strawberries had to be postponed. A similar necessity of deferring their exhibition became imperative in the case of all the Small Fruits in turn.

The crop of Strawberries during the past season, and their display upon our tables, was never surpassed nor even equaled. The prevalence of the finer varieties among the collections was a gratifying and especially noticeable feature. The cultivation of the Jucunda or Downing exacts but little more care, and their superior flavor, whether grown for home consumption or the market, amply rewards one for additional labor. No true horticulturist should be content with aught but the best. The community will speedily come to appreciate the success of his efforts, and remunerate him by taking the surplus of his crop upon his own terms.

The display of Raspberries and Cherries was meagre enough. It will be cause for regret, should the cultivation of the Raspberry, congenial as it is to our soil, be generally relinquished. It is true that the Peach is imported from the South, to become its successful competitor in open market. But even the Peach may fail elsewhere, as during the present year. Besides which, the one costs but the labor of cultivation, while to procure the other we must first obtain the money to send away for the purchase of fruits that fail to mature at home. Although this can hardly be predicated with exactness of the Peach, grown well and constantly in former years throughout Worcester County, and requiring, doubtless, only the happy conjuncture of sound trees and a suitable soil to reward the assiduity of the orchardist.

It has been gratifying to notice the reappearance of the Plum upon our tables, after its utter loss had been apprehended. Nothing but diligence and ordinary watchfulness are required for its successful culture. A society that numbers so many good pomologists among its members should not allow itself to be thwarted by an insignificant insect, in the effort to propagate any species of fruit. That which has just been said of the Plum, may be repeated even more truly of the Quince. Formerly grown in every garden, how few bushes have been planted to replace those that were destroyed by the terrible frost of a dozen years since. And yet, with their vitality unimpaired, a crop is more certainly gathered from them than from the Apple. Delicious for conserves, there is ever a steady demand for them, which it would appear to be for the interest of

some one to supply. The orchardist depends too exclusively upon chance, if, like the Southern planter, he places his sole reliance upon a single crop. The cravings of the palate are as varied as the seasons; and as the measure of Procrustes would not fit every one, so neither can individual appetite, or the lack of it, be established as an immutable law.

The usual misrepresentation has followed us throughout the past season, impeding our efforts and lessening our usefulness. Disappointment at the failure to win expected premiums has led to withdrawal from competition at future exhibitions, accompanied by scarcely veiled imputations of gross partiality on the part of the judges. One person, after boasting of his success in growing a particular fruit, replied to the inquiry of your Secretary, why he failed to show specimens at our Exhibition, that a friend of his remarked to him in 1873, in Horticultural Hall, "Why do you bring your Peaches here? You cannot get a premium." Now, if that man was a member of the Society, his insinuation simply betrayed the fact that our privileges are sometimes unavoidably conferred upon those wholly unworthy of them. If he was not a member, he abused our hospitality, which suffered him to intrude upon enjoyments that he proved himself incapable of appreciating by his facile evolution of a gratuitous slander. In either case he told a sheer falsehood, which is none the less rank that its exposure has been so frequent and thorough. The Committee on Peaches, etc., is constituted of members of whom W. W. Cook, Joseph C. Lovell, of West Boylston, and Paul Whitin may be taken as representatives. The awards have mostly been given away from Worcester. If anybody fancies that the gentlemen named, or their colleagues, would be unduly swayed by fear or favor, he will enjoy a monopoly of his jaundice. Yet disappointed greed is ever calumniating such men, imputing to them faults that itself would be too happy to commit did occasion serve.

The Autumnal Exhibitions of our Society, changed though their date, were subjected to their usual rivalry. The parade of the comic Gyascutus, in a neighboring town, might be expected to offer irresistible attraction to congenial minds: but the persistence of the Agricultural Society, in its futile efforts to organize a horticultural display, after its formal and unrepealed vote to abandon such waste of its scanty means, is inexplicable upon any theory of a prevalent comity. It is to be regretted that some of our active members, notably Trustees, feel at liberty to serve two masters; disregarding the moral precepts instilled into their youthful minds, which warn them how they "make unto themselves friends of the mammon of unrighteousness." Better, although he may appear to utter it in his own praise, that they imitated the example of

your Secretary, who, when solicited to grind in the same prison-house, as chairman of a notorious committee, felt that there was "too much pork for a shilling." He scrupled religiously against "casting away pearls." He was too polite to deliver a sermon from the text, "*De te fabula narratur.*" May we not ask of our associates of the Society, and upon the Board of Trustees, that they shall hereafter walk more circumspectly? thereby *saving their bacon!*

That infectious disease, the blight, manifold in its methods as inexplicable in its insidious operations, has been unwontedly destructive during the past official year. In England, such were its ravages that it has received a specific appellation, and is feared but respected as the "American Blight." There it appears to prove as fatal to the Apple as, until lately, among ourselves it has shown itself to the Pear. But even at home, unless the scrutiny of keen and interested observers is at fault, its deadly sphere is widening. Many a goodly tree in our Worcester orchards has succumbed to it—not alone depriving its owner of the present crop, but also destroying his hopes for the future. Your Secretary has experienced a personal disappointment from this cause, where he had trusted to be of service to this Society and the community. In two instances stocks upon which he had ingrafted new species of Pears, whose thrifty growth for three years gave promise that their quality might be speedily tested, suddenly shriveled in leaf and branch, lingered awhile and died. The Souvenir du Congres failed in this way upon the Belle Lucrative, and the Duchesse de Bordeaux upon the Glout Morceau. Of this latter variety, by the way, of unrivalled excellence when soundly matured, we may prepare to take final leave. Superb of flavor, as unique in foliage and wood, what wonder that it should have provoked the especial comment of our late associate, George Jaques—eliciting from that shrewd observer continual references to its singular likeness to the Quince. Whichever may have preceded in the race of "natural selection," it is growing rapidly and sadly evident that in the mortal disease which threatens their speedy extermination no specimen of either will remain to illustrate a "survival of the fittest." Remedies without number have been suggested, tried, and found ineffective. Our learned associate, Thomas Meehan, is of opinion that weakness of the tree, due to insufficient nourishment or the lack of suitable food, is the one adequate cause to which the origin of the blight may be attributed. He thinks that the potash in the soil has become exhausted, no longer being restored in the form of wood ashes, whose beneficent influence upon plant-growth is utterly lost in the residuum from anthracite. This is in his favor, at least, and so far supports his theory (which he claims to have practically

demonstrated), that our original orchards were planted upon forest clearings, or upon those natural openings whose rich *humus* was the accumulation of centuries.

And here it is perhaps as pertinent as anywhere to express a regret that the Society has failed to concur with the Secretary in his estimate of the value to the members of a course of Botanical Lectures. Possessing, in our own Commonwealth, a Master of that science, to whose teachings the learned of all lands reverently hearken, we plod along in contented ignorance, and decline to avail ourselves of the instruction that ought to be eagerly solicited. Few will read, even cursorily, fewer still will spare time to study the printed text-book, but all would listen eagerly, as, with lucid utterance and earnest enthusiasm, the profound knowledge of Asa Gray should be instilled into willing ears. There are some in the community for whom sonorous periods and vapid verbiage have lost their fascination. If merely as an intellectual problem it might be worth while to test the attraction, if any, that sound learning has for the public.

The continual need of studying, or identifying varieties of flower or fruit, inadequately met as it has been, would, of itself, be sadly suggestive; but when, in addition, we have had to miss the constant presence and unwearied fidelity of our late associate, our sense of the deprivation experienced by the Society in the death of John Milton Earle, acquires a keener poignancy. Appropriate action was taken by the Trustees, at a special meeting, in solemn recognition of the loss to the Society, as well as to the cause of Horticulture, occasioned by his decease. It is no part of my purpose to attempt his eulogy, or to disturb a single leaf of that autumnal chaplet that lies so softly upon his grave. But yet I may, perhaps, be pardoned, as one whose memory goes back to events beyond the personal knowledge of most of you, if I revert to his early participation in these meetings at the Old Town Hall, by the origination and maintenance of which William Lincoln, Christopher C. Baldwin, Emory Washburn, and George Folsom did so much to awaken and foster a love for botanical research among the pupils of our public schools. Sharing in their early morning rambles, when, armed with baskets or plant-case, they sallied forth to ransack Newton Swamp or Salisbury Grove, he was also as eager as the youngest boy among them to detect the Orchis or Cardinal Flower in the mass of weeds beneath which it had been hidden. A close and observant student of nature, he had early learned to interpret her language, and to master the abstruse lore which serves as a veil to her hidden mysteries. Those lectures, if so they may be termed, unstudied and informal as they were, supplied pretty much all the knowledge of botany ever acquired by those who were privileged to listen

to them. Were the facilities for obtaining useful knowledge as freely extended to scholars at the present day, it is quite possible that our boys and girls might be less thoroughly versed in the recondite science of the demi-semiquaver, but yet be able to distinguish a mushroom from a toadstool.

But not only in this sphere of labor did our late associate strive to impress a perception of the beauties of the natural or cultivated landscape upon the minds of the people with whom his lot was cast. The columns of the *Massachusetts Spy*, of which he was so long the careful and untiring Editor, bear constant testimony to his horticultural devotion. Of the incalculable debt of this Society to him, and to William Lincoln, who at the same time occupied the editorial chair of the National Ægis, no one can form an adequate estimate who has not searched the older files of the newspapers for records of our earlier transactions. But for them, and for their willingness to publish the reports of our committees, however extended, we should be left utterly without trace of the history of our Society during its original decade of struggles for a feeble existence. For that great service, little appreciated in its day, our gratitude should be acknowledged without stint, now that the worth of what he did so unselfishly can be properly estimated.

In his apt remarks to the Trustees, officially announcing the sad event, the President placed especial emphasis upon the thoroughness of Mr. Earle. Perhaps no one, more frequently than your Secretary, had occasion to notice this characteristic of his mind. He could not be content so long as doubt rested upon any point which it was possible for personal research to resolve. Many an afternoon has he spent at the Library, hunting through its shelves for curious volumes of horticultural lore, in which he has left no one behind him so profoundly versed, and poring over their pages for hours, in patient effort to determine some question that had been submitted to him in floriculture or pomology. He was human, it is true, and his impatience was occasionally manifested when ignorance or slothfulness sought to impose upon him the decision of matters which the least study or observation would have enabled the querists to settle for themselves. But even his better nature would regret the hasty word, impelling him to atone to those so little deserving, by lavish drafts upon his treasured stores of information.

If in some of his later years he was partially withdrawn from us by the cares of official life, with its too long deferred remuneration, the severance was but temporary—party ingratitude discharging the veteran whose best energies were wasted in its service. Thenceforward his ancient zest for all horticultural pursuits seemed to gain renewed vigor. Upon your

Committee of Nomenclature he assumed almost the whole responsibility, for which indeed no other was so well fitted. Homer sometimes nodded. Nor is it strange that the burden of advancing years should have at times affected the recollection of our friend, suffering him to fall into the snare shrewdly but good-naturedly planned to entrap him. But it is safe to say that those who ventured to differ from him, in naming or identifying varieties or species, whether of flower, fruit or vegetable, in all which he was equally proficient, had need to know well their ground. What he deemed probable was pretty likely to be as he thought. What he asserted for a fact was generally found, by reference to Downing or Burr, to be sustained by the preponderance of authority.

Neither the Horticultural Society nor the community will ever justly estimate their debt to Mr. Earle for his labors to introduce new flowers or fruits. He was an assiduous student of the foreign Catalogues—keeping alive his familiarity with French that he might the more freely correspond with Leroy and his compatriots. One of the latest, as it was the greatest of his acquisitions, was that superb Pear—the Doyenne du Comice. Of his being the first to make this variety known in Worcester, he never wearied of speaking to your Secretary, whensoever its name was repeated in his hearing.

But his place upon our committee is unfilled, and his name upon our rolls no longer elicits a response. Yet his fruits will continue to depend from the bough, reminding us of his good deeds, and his portrait, upon the walls of this goodly Hall of Flora, appropriately commemorates the completion of a work that he would have rejoiced in, but was not spared to see. May that speaking likeness ever bring back to us a quickening sense of his cheering presence. May it also stimulate, at least in our younger members, the ambition to partake of his enthusiasm and to rival his success!

All which is respectfully submitted,

EDWARD WINSLOW LINCOLN,

*Secretary.*

Hall of Flora, November 4, A.D. 1874.

# ROLL OF MEMBERS

OF THE

# Worcester County Horticultural Society.

By the term "Date," it is meant to comprise all the accessions of members from the original foundation of the Society. Where no numerals appear in that column, it is to be understood that the members, opposite whose names there are no figures, were entered upon the Roll of the Society previous to and coeval with the "List of Members," which was published in the "Transactions of The Worcester County Horticultural Society for the years 1852 and 1853."

Those members whose names are marked with a star (*) are deceased.

## A.

| *Date.* | *Name.* | *Residence.* |
|---|---|---|
| 1870 | Abbott, Ebenezer E. | Worcester. |
| | Adams, R. W. | Barre. |
| | Adams, Otis* | Grafton. |
| 1868 | Adams, George A.* | Worcester. |
| 1867 | Adams, John C. | " |
| | Aldrich, Paine* | Worcester. |
| 1859 | Aldrich, P. Emory | " |
| | Allen, W. E. | Worcester. |
| | Allen, George | " |
| | Allen, Charles* | " |
| | Allen, Samuel* | " |
| | Allen, Jas. F. | " |
| | Allen, L. S. | " |
| 1855 | Allen, Alvan* | " |
| 1855 | Allen, Mrs. Mary A. | " |
| 1856 | Allen, B. D. | " |
| 1868 | Allen, Mrs. Charles L. | " |
| 1871 | Allen, Miss Lizzie G. | " |
| | Allen, Silas* | Shrewsbury. |
| | Allen, Jonas H. | " |
| | Allen, Asa H. | " |
| | Allen, Joseph* | Northborough. |
| | Allen, T. P. | Sterling. |
| 1872 | Ames, Edwin | Worcester. |

## A.

| *Date.* | *Name.* | *Residence.* |
|---|---|---|
| | Angier, R. P.* | Toledo, O. |
| 1870 | Andrews, S. C. | Worcester. |
| | Armsby, J. M. C.* | " |
| 1867 | Armsby, Miss Ella A. | " |
| " | Armsby, Geo. F. | " |
| 1864 | Armsby, Mrs. Geo. F. | " |
| | Armsby, Lewis | Northbridge. |

## B.

| *Date.* | *Name.* | *Residence.* |
|---|---|---|
| | Bancroft, T. W.* | Worcester. |
| | Bancroft, Mary C.* | " |
| | Bancroft, Mrs. Mary M. | " |
| | Bancroft, Chas. P. | Boston. |
| | Barton, Ira M.* | Worcester. |
| | Barton, Wm. S. | " |
| 1862 | Barton, Geo. S. | " |
| | Barton, Mrs. M. L. K. | " |
| | Barbour, Wm. C. | " |

## B.

| Date. | Name. | Residence. |
|---|---|---|
| 1864 | Barber, Miss R. E. | Worcester. |
| " | Barber, Geo. | " |
| 1865 | Barber, Mrs. Geo. | " |
| | Barber, Miss Isabella G. | " |
| | Barnard, E. L.* | " |
| 1860 | Barnard, Mrs. E. L. | " |
| | Barnard, John* | " |
| 1853 | Barnard, Geo. A. | " |
| | Barnard, Miss Caroline* | " |
| | Ball, Richard* | " |
| 1859 | Ball, Phineas | " |
| | Ball, D. | Spencer. |
| 1870 | Bartlett Mrs. Theodore H. | Wor. |
| | Bartlett, Stephen* | Cambridge. |
| | Barrows, Wm. | Worcester. |
| | Barrows, A. Herbert | " |
| | Bates, Geo. A. | " |
| | Bates, J. N. | " |
| | Bates, H. G. | N. Y. City. |
| | Baylies, A.* | Worcester. |
| | Barker, Wm.* | " |
| | Banister, Emory | " |
| | Banning, E. M. | " |
| | Barnes, Artemas | " |
| | Bassett, D. H. | " |
| | Banks, Thomas S. | Brookline. |
| | Batchellor, Elhanan* | Sutton. |
| 1860 | Batchelder, E. D.* | N. Brook'd. |
| | Bachelor, Chas. O. | Northbridge |
| | Bachelor, Mrs. Chas. O. | " |
| | Babbitt, Pliny H. | Barre. |
| 1853 | Bangs, Mary G.* | Worcester. |
| 1865 | Baker, Zephaniah | Dudley. |
| | Baker, Jacob | " |
| | Baker, Mrs. Jacob | " |
| | Baker, Mrs. L. | Worcester. |
| | Bacon, Mrs. John E.* | " |
| | Bacon, John E.* | " |
| 1867 | Ballard, John S. | " |
| 1872 | Ballard, Harry | " |
| 1874 | Ballard, Edgar | " |
| 1870 | Baldwin, John S. | " |
| | Berry, Zebina E. | " |
| 1853 | Bemis, Merrick | " |
| | Beach, Lucius | " |
| | Bent, Chas. M. | " |
| | Bennett, Mrs. Sarah F. | " |
| | Belcher, Charles | " |
| | Bennett, James | Leominster. |
| 1863 | Bertody, Miss M. F. | Leicester. |
| 1855 | Bentley, Geo. W. | New London. |
| | Bickford, Wm. M.* | Worcester. |
| | Bigelow, Lewis* | " |

## B.

| Date. | Name. | Residence. |
|---|---|---|
| | Bigelow, Walter | Worcester |
| | Bigelow, Walter* | " |
| | Bigelow, Walter R. | " |
| | Bigelow, Luther H.* | " |
| | Bigelow, Mrs. Luther H. | " |
| 1872 | Bigelow, James W. | " |
| 1856 | Bigelow, Geo. C.* | " |
| 1855 | Billing, Aaron* | " |
| | Bigelow, Charles | Grafton. |
| | Bigelow, Everett W. | W Boylston |
| | Bisco, Dwight | Leicester. |
| | Biscoe, Thos. C. | Grafton. |
| | Blood, O. H.* | Worcester. |
| | Blood, Mrs. O. H. | " |
| | Blake, Jas. B.* | " |
| 1871 | Blake, Frederick A. | " |
| | Bowen, Geo.* | Cleveland, O. |
| | Bowen, E. H.* | Worcester. |
| | Bowen, Charles | " |
| | Boyden, Jos. | " |
| 1855 | Boyden, John | " |
| | Boyden, Elbridge | " |
| | Bond, Joseph* | " |
| | Bond, Joseph E. | " |
| | Bond, Thos. | No. Brookfield. |
| | Bottomly, Thomas* | Leicester. |
| | Bottomly, Booth* | " |
| | Boynton, John* | Templeton. |
| | Bowman, C. D.* | Oxford. |
| | Bowman, Jos.* | N. Braintree. |
| | Boyd. John* | Shrewsbury. |
| | Boland, Tobias | Worcester. |
| 1866 | Boswell, Mrs. Annie E. | " |
| 1868 | Bowker, Sewall H. | " |
| | Brooks, A. J. | Harvard. |
| | Brooks, John* | Princeton. |
| 1855 | Brooks, J. H. | Worcester. |
| 1864 | Brooks, Mrs. C. E. | " |
| | Briggs, Joseph* | " |
| | Brigham, E. L. | " |
| | Brown, Albert* | " |
| | Brown, Wm.* | " |
| 1859 | Brown, Alzirus | " |
| | Brown, Geo. A. | " |
| | Brown, Thomas | " |
| 1863 | Brown, Mrs. J. | Wilkinsonville. |
| 1864 | Brown, Jonas | " |
| | Brown, Miss Josie E. | " |
| | Bradley, Osgood | Worcester. |
| | Bradley, Mrs. Osgood | " |
| | Brimhall, Silas J. | " |
| 1874 | Brimhall, Mrs. Silas J. | " |
| 1874 | Bruso, Elizabeth F. | " |

## B.

| Date. | Name. | Residence. |
|---|---|---|
| | Breck, Moses T.* | Worcester. |
| 1872 | Breck, Mrs. H. B. | " |
| 1855 | Bryant, Mrs. E. | " |
| | Brigham, Chas. | Grafton. |
| | Brummett, Luke* | Leicester. |
| 1858 | Bull, Trumbull | Harvard. |
| | Bullock, A. H. | Worcester. |
| 1870 | Bullock, Mrs. A. H. | " |
| " | Bullock, G. Augustus | " |
| " | Bullock, Miss Isabel H. | " |
| | Bullock, Miss Fanny | " |
| | Burbank, John G.* | " |
| | Burbank, J. L. | " |
| 1855 | Burbank, G. G. | " |
| 1864 | Burbank, Asa L. | " |
| | Burbank, Mrs. Geo. G. | " |
| | Burbank, Miss Carrie A. | " |
| 1871 | Bush, Wm. | " |
| " | Bush, Mrs. Isaac | " |
| | Burnside, S. M.* | " |
| | Butman, Benj.* | " |
| | Butman, Sarah L. | " |
| 1856 | Butman, Geo. F.* | N. Y. City. |
| | Burt, Ellis* | Douglas. |
| | Buckley, Wm. | Worcester. |
| | Burrage, Leonard | Leominster. |
| 1863 | Burgess, Dan'l S. | Worcester. |
| | Burgess, Mrs. Daniel S. | " |
| | Burr, Heman M.* | Leicester. |
| | Buffum, Benj. | Providence, R. I. |

## C.

| Date. | Name. | Residence. |
|---|---|---|
| 1872 | Carpenter, L. S. | Worcester. |
| | Canfield, Mrs. P. S. | " |
| 1854 | Canfield, Miss P. W. S. | " |
| 1855 | Carter, Rufus | " |
| | Capron, Wm. C. | Uxbridge. |
| | Chapin, Lewis* | Worcester. |
| | Chapin, C. P.* | " |

## C.

| Date. | Name. | Residence. |
|---|---|---|
| | Chapin, Henry | Worcester. |
| | Chapin, Miss Annie T. | " |
| 1871 | Chapin, Mrs. Louisa T. | " |
| | Chamberlain, Thos.* | " |
| | Chamberlin, H. H. | " |
| | Chandler, George | " |
| | Child, Benj. N.* | " |
| | Chase, Anthony | " |
| | Chase, Mrs. A.* | " |
| 1857 | Chase, Wm. M. | " |
| | Chase, Chas. A, | " |
| | Chase, Mrs. Chas. A. | " |
| | Chase, Joseph | " |
| 1869 | Chase, Albert N. | " |
| | Chamberlain, Geo. A.* | " |
| 1864 | Chamberlain, Susan E. | " |
| 1867 | Chamberlain, Mrs. Geo. A. | " |
| 1872 | Chamberlin, Mrs. H. H. | " |
| | Chickering, C. C. | " |
| 1863 | Chase, N. B. | Wilkinsonville. |
| | Chenery, Horace* | Worcester. |
| | Chaffin, T. M. | " |
| 1873 | Chaffin, Oscar | " |
| | Church, Moses | " |
| 1858 | Chapman, I. S.* | " |
| | Champney, S. P.* | Saundersville |
| 1856 | Champney, Susan A. | " |
| " | Champney, P. A.* | Sutton. |
| " | Champney, S. G* | " |
| | Cheney, Leonard | Southbridge. |
| | Clapp, John* | Leicester. |
| 1863 | Clapp, Silas | Worcester. |
| | Clapp, Mrs. Simeon | " |
| | Clapp, Frederick A. | " |
| | Clark, John F.* | " |
| | Clark, Wm. C. | " |
| | Clark, H. O. | " |
| 1862 | Clark, John S. | " |
| | Clarke, Josiah H. | " |
| | Claflin, John | " |
| | Conklin, H. W. | " |
| | Coleman, C. C.* | " |
| | Cook, D. W. | " |
| 1864 | Cook, Sumner | " |
| " | Cook, Nathaniel H. | " |
| | Cook, W. W. | " |
| | Colton, S. H. | " |
| | Colton, Mrs. S. H. | " |
| | Colton, Mary R. | " |
| | Comins, D. B. | " |
| | Coe, Wm.* | " |
| 1868 | Coe, Geo. F. | " |
| | Coes, Loring | " |

## C.

| Date. | Name. | Residence. |
|---|---|---|
| | Coes, A. G. | Worcester. |
| | Coes Mrs. John H. | " |
| | Coes, Frank Loring R.* | " |
| | Conant, Edwin | " |
| 1855 | Conant, Mrs. Elizabeth | " |
| " | Conant, Miss Elizabeth | " |
| 1863 | Comly, James | Lexington. |
| | Craig, Leonard* | Leicester. |
| | Cross, Wm. | Worcester. |
| 1863 | Cross, Courtland H | " |
| 1863 | Crompton, George | " |
| " | Crane, Hosea | Millbury. |
| 1870 | Cruickshanks, Geo. | Whitinsville |
| | Culver, J. S.* | Worcester. |
| | Curtis, Tyler P. | " |
| | Curtis, Albert | " |
| | Curtis, Mrs. Joseph* | " |
| 1864 | Cushing, Rev. S. A. | Somerville. |
| " | Currier, Augustus N. | Worcester. |
| 1865 | Cutter, Dr. Calvin* | Warren. |
| | Cutting, Jona* | Templeton. |

## D.

| Date. | Name. | Residence. |
|---|---|---|
| | Davis, John* | Worcester. |
| | Davis, Isaac | " |
| | Davis, Mrs. Isaac | " |
| | Davis, Miss Alice | " |
| | Davis, Samuel | " |
| 1865 | Davis, Edward L. | " |
| 1871 | Davis, Joseph E. | " |
| | Davis, Mrs. Joseph E. | " |
| 1869 | Davis, Alfred | " |
| | Davis, J. C. B. | N. Y. City. |
| | Davis, Geo. C.* | Northboro'. |
| | Davis, Henry G. | Millbury. |
| | Darling, H. G. | Gt. Britain. |
| | Darling, Loron | New Worcester. |
| 1870 | Dawson, Thos. A. | Worcester. |
| 1873 | Dawson, Mrs. Thos A. | " |
| | Day, Jonathan* | " |
| | Daniels, F. H.* | " |
| | Daniels, Nathan | Leicester. |
| 1855 | Daniels, George F. | Oxford. |
| 1854 | Dana, John A. | Worcester. |
| 1864 | Dadmun, Appleton* | " |

## D.

| Date. | Name. | Residence. |
|---|---|---|
| | Dewey, F. H. | Worcester. |
| 1865 | Dewey, Mrs. Sarah B. | " |
| " | Dewey, Carrie Clinton | " |
| " | Dewey, Rosebud | " |
| | De Witt, Alexander | Oxford. |
| | De Witt, Horace S.* | " |
| | Denny, Henry A. | Worcester. |
| | Denny, Joseph A. | Leicester. |
| 1854 | Denny, Chas. A. | " |
| | Denny, Nath'l P. | Norwich, Ct. |
| | Denny, George,* | Westboro'. |
| | Denny, R. S.* | Boston. |
| 1864 | Desper, Wm. E. | Worcester. |
| | Dickinson, Wm. | " |
| | Dixie, E. F.* | Keokuk, Iowa. |
| | Dowley, Levi A. | N. Y. City. |
| | Dodge, Harvey | Sutton. |
| 1859 | Dodge, Pickering* | Worcester. |
| 1865 | Dodge, Thomas H. | " |
| | Dodge, Mrs. Benj. J. | " |
| | Dorr, Enos* | " |
| 1866 | Driscoll, Dennis | " |
| | Draper, Wm. A.* | " |
| | Draper, Edwin* | " |
| 1867 | Draper, Mrs. Edwin | " |
| | Draper, James | " |
| | Draper, Mrs. James | " |
| | Drury, Arthur H. | " |
| | Dresser, Geo. A. | N. Y. City. |
| | Drake, S. A. | Sturbridge. |
| | Dutcher, Frank J. | Hopedale. |
| | Dunbar, Rufus D. * | Columbus, O |
| 1858 | Dudley, P. W.* | Whitinsville. |
| | Dudley, Geo. J. | Millbury. |
| 1854 | Dwinnell, Leonard | Millbury. |
| | Dyer, Calvin | Worcester. |
| | Dyer, Mrs. Calvin | " |
| | Dyer, Miss Hattie L. | " |

## E.

| Date. | Name. | Residence. |
|---|---|---|
| | Earle, Edward | Worcester. |
| | Earle, John Milton* | " |
| | Earle, Mrs. Sarah H.* | " |
| | Earle, Mrs. Edward | " |
| | Earle, Timothy K. | " |
| | Earle, Thomas* | " |

## E.

| Date. | Name. | Residence. |
|---|---|---|
| | Earle, O. K.* | Worcester. |
| | Earle, Anna B. | " |
| | Earle, Miss Sarah F. | " |
| | Earle, Stephen C. | " |
| | Earle, Wm. H. | " |
| 1874 | Earle, Mrs. Wm. H. | " |
| 1862 | Eames, Wm. | " |
| 1864 | Eames, Miss Mary R. | " |
| 1866 | Eastman, Miss Emma | " |
| 1872 | Eastman, Wm. H. | " |
| | Eaton, Thomas B. | " |
| | Eaton, Mrs. Charlotte M. | " |
| | Eaton, Charles B. | " |
| | Edwards, John F. | Boston. |
| 1858 | Eldred, Fred'k A.* | Worcester. |
| 1864 | Ellsworth, Emory A. | Barre. |
| 1868 | Ellsworth, Samuel* | Worcester. |
| 1873 | Ellsworth, J. L. | " |
| | Emerson, Mrs. Jason | Millbury. |
| | Estey, James L. | Worcester. |
| | Estabrook, James* | " |
| 1855 | Estabrook, James E. | " |
| 1865 | Estabrook, Geo. H. | " |
| 1867 | Estabrook, Mrs. Geo. H. | " |
| | Estabrook, Daniel F. | " |
| | Estabrook, Arthur E. | " |
| | Estabrook, Joseph | Royalston. |
| 1859 | Estabrook, G. W. | Grafton. |

## F.

| Date. | Name. | Residence. |
|---|---|---|
| | Fairbanks, Orrin | Westboro'. |
| | Fay, Peter | Southboro'. |
| 1854 | Farnum, Joseph S.* | Worcester. |
| | Farnum, Miss Mary J. | " |
| 1855 | Falconer, James D. | Worcester. |
| 1863 | Fayerweather, J. A. | Westboro'. |
| | Felton, Oliver C. | Brookfield. |
| 1857 | Ferguson, S. B. | Westboro'. |
| 1858 | Ferguson, Geo. A. | " |
| 1859 | Ferguson, Henry C. | " |
| | Fisher, M. L. | Farmersburg, Iowa |
| 1869 | Fisher, Simon E. | Worcester. |
| 1870 | Fisher, Mrs. Jennie M. | " |
| | Field, John* | " |
| 1867 | Field, Samuel T.* | " |
| | Fitch, Ezra* | " |

## F.

| Date. | Name. | Residence. |
|---|---|---|
| | Fitch, Dana H. | Worcester. |
| 1865 | Fiske, Edward R. | " |
| " | Fiske, Mrs. Edward R. | " |
| | Fiske, Miss Lydia C. | " |
| 1863 | Firth, Abram | Boston. |
| 1874 | Fitts, Mrs. D. | Oxford. |
| 1863 | Flint, Mrs. E. H. | Leicester. |
| | Flagg, David* | Worcester. |
| | Flagg, Joel* | " |
| | Flagg, Benjamin | " |
| | Flagg, Dr. Samuel | " |
| | Flagg, Marshall* | " |
| 1871 | Flagg, Mrs. Marshall | " |
| | Flagg, Mrs. Ebenezer | " |
| | Flagg, Montraville | Boylston. |
| | Flagg, Nahum | " |
| | Flagg, Abijah* | " |
| | Flagg, Stephen* | " |
| | Flagg, Benj. | Shrewsbury. |
| | Forbush, Calvin W. | Grafton. |
| | Forbush, Curtis, | Philadelphia. |
| | Forbush, Jona | Bolton. |
| | Fox, Lemuel J.* | Worcester. |
| | Fox, Wm. B.* | " |
| | Fox, Wm. B. Jr.* | " |
| | Fox, Miss Annie R. S.* | " |
| | Fox, Miss Maria | " |
| | Foster, Alfred D.* | " |
| | Foster, Samuel B.* | " |
| 1856 | Foster, Stephen S. | " |
| 1866 | Foster, Miss Alla W. | " |
| | Foster, Dwight | Boston. |
| 1863 | Foster, Adams* | Holden. |
| | Foster, Chas. T. | " |
| | French, Hiram* | Worcester. |
| | Francis, Geo. E. | " |
| 1854 | Francis, Mrs. Geo. E. | " |
| 1874 | Francis, Miss Elizabeth R. | " |
| | Freeland, Chas. W. | Boston. |
| | Fuller, Elisha* | Worcester. |
| | Fuller, Mrs. James A. | " |

## G.

| Date. | Name. | Residence. |
|---|---|---|
| | Gates, Simon S. | Illinois. |
| | Gates, John | Worcester. |
| | Gates, Otis A. | " |
| | Gale, Frederick W.* | " |

## G.

| Date. | Name. | Residence. |
|---|---|---|
| | Gay, Wilkes | Worcester. |
| | Garfield, Moses D. | Sutton. |
| | Garside. James M.* | " |
| | Geer, George | Worcester. |
| | Geer, Mrs. George | " |
| 1856 | Gerould, Mrs. James H. | " |
| | Gilbert, Joseph A. | " |
| | Gilbert, Peregrine B. | " |
| | Gilbert, Mrs. Chas. W. | " |
| 1872 | Gilbert, Chas. W. | " |
| | Gill, George W. | " |
| 1874 | Gibbs, Mrs. Mary E. | " |
| 1860 | Gleason, Charles W. | Holden. |
| | Gleason, Joseph H. | " |
| | Gleason, Jonathan R. | Worcester |
| | Glazier, Henry | " |
| | Gould, Hiram* | " |
| | Gould, Erasmus* | " |
| | Goodrich, Jesse W.* | " |
| | Goss, William | " |
| 1865 | Goodell, Arthur A. | " |
| | Gordon, Miss Eliz'th Grey | " |
| 1867 | Gordon, Albert A. | " |
| | Gordon, Mrs. Albert A. | " |
| 1874 | Goodwin, Charles | " |
| | Goodenow, E. D.* | " |
| 1864 | Goodnow, Edward A. | " |
| | Goulding, Henry* | " |
| | Goddard, Isaac* | " |
| | Goddard, S. B. I. | " |
| 1854 | Goddard, Benj.* | " |
| " | Goddard, Daniel | " |
| | Goddard, Dorrance S. | " |
| | Goddard, Mrs. D. S. | " |
| 1855 | Goddard, John D. | Shrewsbury. |
| 1856 | Goddard, Silas | N. Y. City. |
| | Gorham, Chester* | Worcester. |
| 1866 | Gorham, Miss Mary E. | " |
| | Gregory, Joseph E.* | " |
| | Gray, John Jr.* | " |
| | Gray, Wm. L.* | " |
| | Grout, Jonathan | " |
| 1859 | Grout, J. W.* | " |
| | Grout, Miss Lizzie | " |
| | Griggs, Joseph* | " |
| | Green, Dr. John* | " |
| | Green, James* | " |
| | Green, Wm. N.* | " |
| | Green, Meltiah B. | " |
| | Green, Samuel F. | " |
| | Green, Mrs. M. B. | " |
| 1864 | Green, Timothy R.* | " |
| | Green, Miss Julia E. | " |

## G.

| Date. | Name. | Residence. |
|---|---|---|
| 1871 | Green, Samuel S. | Worcester. |
| | Greenleaf, Fred. W.* | " |
| | Greenleaf, Wm.* | " |
| | Greenleaf, Mrs. Myra J.* | " |
| | Gunderson, Christopher* | " |

## H.

| Date. | Name. | Residence. |
|---|---|---|
| | Hadwen, O. B. | Worcester. |
| 1874 | Hadwen, Mrs. O. B. | " |
| | Hadwen, Chas. | " |
| | Hadwen, Mrs. Mary R. | " |
| 1864 | Hadwen, Wm. E. | " |
| " | Hadwen, Chas. jr. | " |
| | Hackett, William H. | " |
| | Harris, Clarendon | " |
| 1855 | Harris, Mrs. C.* | " |
| | Harris, Gideon | " |
| | Harris, Mrs. Gideon | " |
| 1870 | Harris, John A. | Rutland. |
| | Harris, Warren | Millbury. |
| | Harris, O. F. | Florida. |
| | Haven, Samuel F. | Worcester. |
| | Haven, Luther | Chicago, Ill. |
| | Haven, Edwin | " |
| | Harrington, Samuel* | Worcester. |
| | Harrington, F. Jr. | " |
| 1854 | Harrington, Adam L. | " |
| 1862 | Harrington, C. G. | " |
| | Harrington, Stephen | " |
| | Harrington, Holloway, jr. | " |
| | Harrington, Mrs. Stephen | " |
| | Harrington, Frank W. | " |
| | Harrington, D. B. | Millbury. |
| | Harrington, John E. | " |
| | Hamilton, Chas. A. | Worcester. |
| 1864 | Hamilton, C. W. | " |
| | Hamilton, Mrs. C. Willard | " |
| 1871 | Hamilton, Edward B. | " |
| | Hamilton, Miss Fanny M. | " |
| | Hammond, John* | " |
| 1863 | Hammond, Parley | " |
| 1869 | Hammond, Mrs. H. K. | " |
| | Hammond, Henry K. | " |
| | Hawes, R. L.* | " |

## H.

| Date. | Name. | Residence. |
|---|---|---|
| | Harding, Samuel D. | Worcester. |
| | Hartshorn, Jonas | " |
| | Hartshorn, Calvin L. | " |
| 1860 | Hartshorn, J. W. | " |
| 1874 | Hartshorn, Mrs. C. L. | " |
| | Hartshorn, Geo. F. | Taunton, |
| 1856 | Hartshorn, Mrs. Isab. F. | " |
| | Hall, Enoch | Acton. |
| | Hall, Franklin | Philadelphia. |
| | Hall, Charles | Millbury. |
| | Hall, Moses | Harvard. |
| | Hall, William | Sutton. |
| 1862 | Hall, Salmon D. | Grafton. |
| | Hale, E. E. | Boston. |
| | Harlow, A. R.* | Michigan. |
| | Harlow, Abner* | Shrewsbury. |
| | Harlow, William T., | Worcester. |
| | Hathaway, Samuel | N. Y. City. |
| | Hardon, B. L.* | St. Louis. |
| | Hatch, Cheney | Leicester. |
| | Hatch, O. L. | Worcester. |
| | Hatch, Mrs. O. L. | " |
| | Hancock, Frederick | " |
| 1859 | Hancock, Miss Etta | " |
| | Haskins, D. W. | " |
| | Hartwell, Isaac B. | Oxford. |
| | Hartwell, G. W. | " |
| 1865 | Hascall, Jefferson | Shrewsbury. |
| | Hapgood, L. B. | Shrewsbury. |
| | Hapgood, Joab | " |
| | Hapgood, L. R. | Worcester. |
| | Hastings, C. C. P.* | Mendon. |
| | Hastings, Solon S. | Princeton. |
| 1872 | Hastings, Joseph E., | Worcester. |
| 1854 | Hacker, W. Alfred | Philadelphia |
| | Henshaw, H. G. | Leicester. |
| | Hemmenway, E. H.* | Worcester. |
| | Henderson, Jas. G.* | " |
| 1864 | Healey, Michael | " |
| | Hemmenway, D'n'l M., | Millbury |
| | Heard, Samuel | Leicester. |
| | Heard, Nathan | Worcester. |
| | Heywood, Daniel* | " |
| | Heywood, B. F.* | " |
| 1862 | Heywood, Sam'l R. | " |
| 1863 | Heywood, Wm. H. | " |
| 1864 | Heywood, Miss Abby S. | " |
| " | Heywood, Miss Emma H. | " |
| | Heywood, Augustus | Grafton. |
| 1870 | Hicks, Mrs. S. P. | Worcester. |
| | Hillard, Mrs. John | " |
| | Hill, Alonzo* | " |
| | Hill, J. Henry | " |

## H.

| Date. | Name. | Residence. |
|---|---|---|
| 1865 | Hill, Mrs. Sarah B. | Worcester. |
| | Hill, C. H. | South Reading. |
| | Hill, Aug. G. | Harvard. |
| | Hill, Washington | Spencer. |
| | Howland, S. A. | Worcester. |
| | Howland, H. J. | " |
| | Hovey, William* | " |
| | Howe, H. P.* | " |
| 1874 | Hovey, Chas. H., | Cambridgeport |
| 1864 | Howe, Mrs. E. M. | Sterling. |
| " | Howe, Wm. jr. | Millbury. |
| | Howe, Church, | Montana. |
| | Holmes, Pitt | Worcester. |
| | Hoar, Geo. F. | " |
| | Hoar, Mrs. Geo. F. | " |
| 1868 | Holman, William Y. | " |
| | Holman, Mrs. H. A. | " |
| | Holman, Mrs. Wm. Y. | " |
| | Holman, Parley | Leicester. |
| | Holman, Amory | Bolton. |
| | Holbrook, Wm. D. | Worcester. |
| | Holbrook, Mrs. Wm. D. | " |
| | Holbrook, Cyrus | Sterling. |
| | Hooper, Wm. R. | Wash'n, D. C. |
| | Houghton, Alba, jr. | Worcester. |
| 1866 | Hoyle, Miss Mary Ann | Millbury. |
| 1867 | Hutchinson, Gerry | Worcester. |
| " | Hutchinson, Mrs. Gerry | " |
| 1864 | Hubbard, Cyrus K. | " |
| | Hubbard, R. B. | Sunderland. |
| | Hunt, Addison A. | Barre. |
| | Hunt, S. W. | Shrewsbury. |
| 1864 | Huntington, Rev. W. R. | Wor. |
| 1858 | Hunt, Francis S. | E. Douglas. |

## J.

| Date. | Name. | Residence. |
|---|---|---|
| | Jaques, George* | Worcester. |
| 1856 | Jaques, John C.* | " |
| 1854 | James, Horace | Boylston. |
| | Jackson, Wm.* | Worcester. |
| 1856 | Jewett, Darwin E. | Westboro'. |
| 1874 | Jewett, Ebenezer | Worcester. |

## J.

| Date. | Name. | Residence. |
|---|---|---|
| 1864 | Jenkins, Curtis | Worcester. |
| 1870 | Jillson, Clark | " |
| 1873 | Jones, Willard* | " |
| | Jones, Rev. J. D. E. | " |
| | Johnson, Asa T.* | " |
| | Johnson, E. | " |
| 1854 | Johnson, Wm. | " |
| 1867 | Johnson, Ida W. | " |
| | Johnson, Dr. H. F. | Southboro'. |
| 1855 | Johnson, Chas.* | Northboro'. |
| | Johnson, Joshua J. | " |
| | Johnson, Oliver, | Sterling. |
| | Johnson, John F. | Leominster. |
| | Johnson, Wm. H. | Northborough |
| 1864 | Jordan, Mrs. Geo. A. | Worcester |

## K.

| Date. | Name. | Residence. |
|---|---|---|
| | Kettell, John P.* | Worcester. |
| | Kelley, Dr. Francis H. | " |
| | Kendall, Joseph G.* | " |
| 1870 | Kendall, Edward | " |
| | Keith, Timothy* | " |
| | Keith, Henry R.* | Grafton. |
| 1857 | Kent, S. W. | Worcester. |
| 1866 | Keyes, Charles A. | " |
| 1858 | Keyes, W. W. | West Boylston. |
| 1865 | Kimball, Mrs. Sarah A. | Wor. |
| | Kinnicutt, Thomas* | " |
| | Kinnicutt, Francis H. | " |
| 1854 | Kinnicutt, Eliza M.* | " |
| 1870 | Kinnicutt, Leonard P. | " |
| 1873 | Kinnicutt, Mrs. Francis H. | " |
| 1867 | Kinney, Frank J. | " |
| | Kinney, Mrs. W. P. | " |
| 1869 | Kinney, Wm. P. | " |
| | Kilburn, Eli | Sterling. |
| | Knapp, Joel | Sutton. |
| | Knox, Samuel A. | Worcester. |
| | Knox, S. Harrison | " |
| | Knights, Jonathan H.* | " |
| 1868 | Knowles, Lucius J. | Worcester. |
| | Kraft, Michael | Leicester. |

## L.

| Date. | Name. | Residence. |
|---|---|---|
| | Lakin, Ansel | Worcester. |
| | Lazell, Warren | N. Y. City |
| | Lamson, Wm. C.* | Worcester. |
| | Lamson, H. O. | West Brookfield. |
| | Lamb, Josiah Q.* | Leicester. |
| 1855 | Lamb, Edward* | Boston. |
| | Lamb, Thomas M. | Worcester. |
| 1867 | Lamb, Mrs. T. M. | " |
| 1870 | Lamb, Alice B. | " |
| | Lange, Herman | " |
| | Lancaster, Mrs. Frank E. | " |
| | Leach, James | Westboro'. |
| | Leland, Joshua W. | Grafton. |
| 1859 | Leland, Horace | Sutton. |
| 1854 | Lee, David* | Barre. |
| 1855 | Lee, George H. | " |
| 1854 | Lee, Henry A. | Worcester. |
| 1864 | Lee, Mrs. Dorcas B. | " |
| | Lewis, Benjamin | " |
| | Lewisson, Louis | " |
| | Leonard, S. S. | " |
| 1874 | Lincoln, John W. | Atchison, Kan. |
| | Lincoln, Wm.* | Worcester. |
| | Lincoln, John W.* | " |
| | Lincoln, Levi* | " |
| | Lincoln, Wm. S. | " |
| | Lincoln, Edward W. | " |
| | Lincoln, Mrs. D. W.* | " |
| | Lincoln, Miss G. De V. | " |
| | Lincoln, D. Waldo | " |
| 1854 | Lincoln, Wm.* | " |
| 1856 | Lincoln, Levi, 2d | " |
| | Lincoln, Miss F. M. | " |
| 1860 | Lincoln, Waldo | " |
| 1864 | Lincoln, Mrs. Waldo | " |
| | Lincoln, Miss A. Marston | " |
| | Lincoln, Miss M. Vinal | " |
| 1865 | Lincoln, Mrs. Kate Von W. | " |
| " | Lincoln, Marston | " |
| 1868 | Lincoln, Miss Adeline S. | " |
| | Lincoln, Miss Helen | " |
| 1872 | Lincoln, Pelham Winslow | " |
| 1874 | Lincoln, Mrs. Wm. S. | " |
| " | Lincoln, Mrs. Levi | " |
| 1856 | Lovering, Samuel F. | " |
| 1871 | Loomis, H. F. | " |
| | Lovell, Joseph, Jr. | " |
| | Lovell, A. B. | " |
| | Lovell, Mrs. Mary E. | " |
| 1861 | Lovell, Albert A. | " |
| 1866 | Lovell, John D. | " |
| | Lovell, Cyrus A. | " |

## L.

| Date. | Name. | Residence. |
|---|---|---|
| | Lonigan, Patrick | Worcester. |
| | Longley, James | Boston. |
| | Loring, John | Leicester. |
| 1855 | Lovell, Jos. C. | West Boylston. |
| 1863 | Lovell, Addison | " |
| | Lovell, Miss Abby M. | " |
| 1874 | Lovell, Mrs. C. Augusta | " |
| " | Lovell, Mrs. Jane M. | " |
| | Lynam, Mrs. John | Worcester. |

## M.

| Date. | Name. | Residence. |
|---|---|---|
| | Macullar, Addison | Boston. |
| | Mason, Joseph | Worcester. |
| | Mason, John C. | " |
| | Mason, L. L. | Grafton. |
| | Maynard, Wm. G. | Worcester. |
| | Marsh, Alexander | " |
| 1865 | Marsh, Henry A. | " |
| 1867 | Martin, Miss Mary W. | " |
| | Madaus, Charles | " |
| | May, Samuel jr.* | Syracuse, N. Y. |
| 1859 | Marble, F. M. | Grafton. |
| | Marble, Henry | Millbury. |
| 1863 | Mascroft, Wm. D., | Northbridge. |
| 1874 | Mascroft, Henry C., | Worcester. |
| | McFarland, H. | Framingham. |
| 1870 | McFarland, E. D. | Worcester. |
| | McPherson, Mrs. E. W. | " |
| | McIntire, Benjamin F. | Millbury |
| | McLellan, James | Sutton. |
| | Merrifield, Alpheus* | Worcester. |
| | Merrifield, F. N. | " |
| | Merrifield, Ann B.* | " |
| | Merrifield, W. T. | " |
| | Merrifield, Catharine A.* | " |
| | Merrifield, A. M. | " |
| | Merrifield, Mrs. Wm. T. | " |
| | Merrifield, Wm. F. | " |
| 1854 | Merrifield, Henry K. | " |
| 1859 | Merrifield, Maria G. | " |
| " | Merrifield, Harriet | " |
| | Merrifield, Mrs. Lucy A. | " |
| | Merrick, Francis T.* | " |
| | Merrick, Sarah R.* | " |
| | Messinger, D. S. | " |
| | Messinger, Elizabeth F. | " |
| 1863 | Messinger, Miss M. A. | " |

## M.

| Date. | Name. | Residence. |
|---|---|---|
| | Messinger, Miss Susie S. | Wor |
| | Merriam, Isaac S. | " |
| 1854 | Metcalf, Caleb B. | " |
| | Merriam, Thomas | Auburn. |
| 1857 | Merriam, N. K. | Grafton. |
| | Messinger, Frank L. | Worcester. |
| | Miles, C. M. | " |
| | Miller, Henry W. | " |
| | Miller, Seth P.* | " |
| | Miller, Miss Alice M. | " |
| 1857 | Mills, Isaac | " |
| 1872 | Midgeley, John | " |
| | Morse, James C. | Milwaukee. |
| 1862 | Morse, Edwin | Worcester. |
| 1873 | Morse, C. jr. | " |
| 1866 | Morse, Mrs. Mason H., | " |
| | Morse, Mrs. C. D. | Millbury. |
| | Morse, A.* | Rochester, N. Y. |
| | Moore, David T. | Royalston. |
| | Moore, J. H. | Charlton. |
| 1854 | Moore, Ashley | Worcester. |
| | Morey, Mrs. L. | Shrewsbury. |
| | Moen, Philip L. | Worcester. |
| | Moen, Mrs. Maria S. G. | " |
| 1871 | Morrison, Stephen | " |
| 1864 | Mower, Miss C. C. | " |
| | Morgan, Charles H. | " |
| | Morey, Oliver S. | Shrewsbury. |
| | Murphy, John | Worcester. |
| | Murdock, Joshua jr. | Leicester. |

## N.

| Date. | Name. | Residence. |
|---|---|---|
| | Nash, Charles | Worcester. |
| | Nelson, Jonathan* | " |
| 1863 | Nelson, Thos. L. | " |
| 1872 | Nelson, Mrs. Thos. L. | " |
| | Nelson, John* | Leicester. |
| | Newton, Rejoice* | Worcester. |
| | Newton, John C., | " |
| 1867 | Newton, Mrs. J. C. | " |
| | Newton, Miss Sarah E. | " |
| | Newton, Wm. | Oxford. |
| 1865 | Newton, Mrs. Jas. H. | Holyoke. |

## N.

| Date. | Name. | Residence. |
|---|---|---|
| | Newcomb, Henry K. * | Worcester. |
| | Newell, Mrs. Ann M. | " |
| 1864 | Nichols, E. W. | " |
| 1866 | Nichols, Mrs. Chas. P. | " |
| 1854 | Nourse, Benj. B. | Westboro'. |
| 1863 | Norcross, Thomas R. | Worcester |

## O.

| Date. | Name. | Residence. |
|---|---|---|
| | Oliver, E. H.* | Worcester. |
| 1870 | Olm, Matthias | Newark, N. J. |
| 1866 | Onthank, J. M.* | Worcester. |
| 1863 | Osgood, James H. | " |

## P.

| Date. | Name. | Residence. |
|---|---|---|
| | Paine, Fred. Wm.* | Worcester. |
| | Paine, Henry* | " |
| | Paine, Charles* | " |
| | Paine, Gardiner* | " |
| | Paine, J. W. | " |
| | Paine, Ann E. | " |
| | Paine, Mrs. Charles | " |
| | Paine, Anna C. S.* | " |
| 1854 | Paine, Nathaniel | " |
| 1855 | Paine, Miss Alice W. | " |
| " | Paine, Miss E. F. | " |
| 1865 | Paine, Mrs. D. H. | " |
| | Paine, Wm. R. | Brookline. |
| 1871 | Palmer, Addison | Worcester. |
| | Park, John* | " |
| | Parker, G. Dismal Swamp, | N. C. |
| | Parker, Mrs. Aaron | Worcester. |
| | Parker, Henry L. | " |
| 1874 | Parker, Henry L. Jr. | " |
| | Parkhurst, Nath. R.* | " |
| 1854 | Partridge, E. G. | " |
| | Parsons, Mrs. Solomon | " |
| 1866 | Parsons, Mrs. Sam'l B. | " |
| | Partridge, Joseph L. | Boston. |
| | Parmenter, Silas | Westboro'. |
| | Patrick, John | Warren. |
| 1856 | Patch, Whipple W. | Worcester. |
| 1856 | Peaslee, Abram* | " |
| | Peck, Frederick M. | N. Y. City. |
| | Peckham, George R. | Boston. |

## P.

| Date. | Name. | Residence. |
|---|---|---|
| | Peckham, Mrs. Geo. R. | Boston. |
| | Perkins, Joseph | Worcester. |
| | Perry, Samuel | " |
| | Perry, Dexter H.* | " |
| 1870 | Perry, S. Payson, | Auburn. |
| | Perrin, Payson H. | Westboro'. |
| | Phillips, M. D.* | Boston. |
| 1857 | Phillips, Luther | Worcester. |
| 1862 | Phillips, Col. Ivers | " |
| 1864 | Phillips, Miss Marianna | " |
| | Phelps, Horatio | " |
| | Phelps, J. E. | " |
| 1854 | Phelps, Henry | " |
| 1863 | Phelps, Geo. E. | " |
| | Phelps, Mrs. Sallie | " |
| | Phelps, Miss Sarah D. | " |
| | Phelps, Miss Mary R. | " |
| | Phelps, Miss Deborah | " |
| | Phelps, Miss Helen E. | " |
| | Phelps, John E. | " |
| 1874 | Phelps, Mrs. Joseph E. | " |
| | Phelps, Henry R. | Westboro'. |
| | Pickett, Mrs. Josiah | Worcester. |
| | Pickford, J. K. L. | " |
| | Pierce, Charles A. | Grafton. |
| | Pierce, Thomas | Worcester. |
| | Pierce, Charles L. | " |
| 1864 | Pierce, Mrs. Chas. L. | " |
| 1874 | Pierce, George M. | " |
| | Pierce, James R. | " |
| 1863 | Pinkham, James S. | " |
| 1864 | Pike, James T.* | " |
| | Piper, William* | " |
| | Piper, Geo. M. | " |
| | Pond, John F. | " |
| 1863 | Pond, Lucius W. | " |
| 1868 | Porter, Samuel A. | " |
| | Potter, Hervey K.* | Grafton. |
| | Porter, J. Jr.* | N. Brookfield. |
| | Pope, Jonathan A. | Millbury. |
| | Pratt, Joseph | Worcester. |
| | Pratt, Sylvanus* | " |
| | Pratt, Sumner | " |
| | Pratt, Mrs. Sumner | " |
| 1863 | Pratt, Charles B. | " |
| | Pratt, Miss Emma A. | " |
| | Pratt, Frederick S. | " |
| | Pratt, Edward R. | " |
| | Pratt, W. W. | Marblehead. |
| 1856 | Pratt, Dan'l R. | Brooklyn, N. Y. |
| | Pratt, Jotham B.* | California. |
| | Prentice, Henry* | Worcester. |
| | Prentiss, Charles G.* | " |

## P.

| Date. | Name. | Residence. |
|---|---|---|
| 1854 | Proctor, Edward | Spencer. |
| | Putnam, F. W. | Worcester. |
| | Putnam, Charles L. | " |
| 1873 | Putnam, Samuel | " |
| | Putnam, S. P. | Philadelphia. |
| 1869 | Putnam, Archelaus | Holden. |

## R

| Date. | Name. | Residence. |
|---|---|---|
| | Ramsay, O. A. | Worcester. |
| | Randall, A. G.* | " |
| | Read, Miss Sarah E. | " |
| | Reed, Benj.* | " |
| | Reed, L. R. S. | " |
| | Rice, George T.* | " |
| | Rice, Mrs. Geo. T. | " |
| | Rice, Darius | " |
| | Rice, Josiah* | " |
| | Rice, Sewall | " |
| | Rice, E. B.* | " |
| | Rice, George M. | " |
| | Rice, Francis B. | " |
| 1856 | Rice, Geo. T. Jr. | " |
| " | Rice, Mrs. Geo. T. Jr.* | " |
| | Rice, Miss S. Elizabeth | " |
| | Rice, Mrs. J. Marcus | " |
| | Rice, Mrs. Ezra B. | " |
| 1872 | Rice, Peter | " |
| 1874 | Rice, Miss Louisa A. | " |
| | Rice, Abbott B. | Northboro'. |
| | Rice, Thos. H. | W. Boylston. |
| | Rice, Danforth | Leicester. |
| | Richardson, Geo. W. | Worcester. |
| | Richardson, Mrs. Geo. W. | " |
| | Richardson, Anna M. | " |
| 1863 | Richardson, Charles | " |
| " | Richardson, Miss F. A. | " |
| | Richardson, Mrs. Charles | " |
| 1871 | Richardson, Clifford | " |
| 1862 | Ring, John | " |
| | Ripley, John C.* | " |
| 1856 | Ripley, Sarah P. T.* | " |
| | Robbins, Chas. B. | " |
| | Robinson, James | " |
| | Robinson, Mrs. James | " |

## R.

| Date. | Name. | Residence. |
|---|---|---|
| | Rockwood, Adams | Worcester. |
| 1870 | Rogers, James S. | " |
| | Rogers, Israel M. | " |
| | Rogers, Edward* | Webster. |
| 1856 | Ruggles, Draper* | Worcester. |
| | Russell, Geo. W. | " |

## S.

| Date. | Name. | Residence. |
|---|---|---|
| | Salisbury, Stephen | Worcester. |
| | Salisbury, Mrs. S.* | " |
| 1865 | Salisbury, Stephen Jr. | " |
| | Sanford, William | " |
| | Sanders, Eri | " |
| | Sargent, Joseph | " |
| | Sargent, Henry* | " |
| | Sargent, Joseph D.* | Leicester. |
| | Sargent, John* | " |
| | Sargent, H. E. | Chicago, Ill. |
| 1862 | Sawyer, Ezra | Worcester. |
| 1864 | Sawyer, Stephen | " |
| | Scott, Samuel B.* | " |
| | Scott, David Jr. | " |
| | Scott, Mrs. David | " |
| 1866 | Scott, Miss Alice | " |
| 1872 | Schaff, Mrs. Sarah D. | Leicester. |
| 1865 | Scofield, Jas. M.* | Worcester. |
| 1854 | Sears, Sylvanus | " |
| 1867 | Sears, Alden H. | " |
| 1864 | Searles, Miss L. A. | Wilkinsonville |
| " | Searles, David H. | Sutton. |
| | Selby, Samuel H.* | California. |
| | Shaw, Mrs. John B. | Worcester. |
| | Shepard, James* | " |
| | Shepard, James Jr. | Boston. |
| | Sibley, Jonas L.* | Sutton. |
| | Sibley, D. B. | Millbury. |
| 1868 | Skinner, Miss Kate J. | Worcester. |
| | Slater, George B.* | Webster. |
| 1863 | Slocum, Geo. F. | Grafton. |
| | Slocumb, Horatio | Sutton. |
| | Slocumb, J. W. | Grafton. |
| | Smalley, Elam* | Worcester. |
| | Smith, Chandler* | " |
| | Smith, Lewis* | " |
| | Smith, Samuel | " |
| | Smith, James A. | " |

## S.

| Date. | Name. | Residence. |
|---|---|---|
| | Smith, Miss Sarah M. | Worcester. |
| | Smith, Woodbury C. | " |
| | Smith, Miss Harriet A. | " |
| | Smith, Sidney | " |
| | Smith, Lemuel* | Westfield. |
| | Smith, Asa F. | Grafton. |
| | Smith, R. R. | Lynn. |
| 1854 | Smith, Larkin | California. |
| | Smith, J. Sargent | Leicester. |
| | Smith, Charles Henry | Millbury. |
| 1856 | Smith, L. F. | Northbridge. |
| | Smyth, W. A. S. | Worcester. |
| 1855 | Snow, Winsdor N. | " |
| | Snow, Henry* | Shrewsbury. |
| | Southgate, Isaac* | Leicester. |
| | Southwick, Edward* | " |
| | Southwick, Thomas | " |
| 1874 | Southwick, Mrs. Thomas | " |
| | Southworth, Charles | Northboro' |
| | Spinney, George | Worcester. |
| | Spooner, Moses* | " |
| 1856 | Sprague, A. B. R. | " |
| 1874 | Staples, Samuel E. | " |
| 1863 | Stearns, Edwin | Millbury |
| | Stebbins, Edward S. | Worcester. |
| | Stiles, Frederick G, | " |
| 1874 | Stiles, Mrs. Frederick G. | " |
| 1856 | Stiles, Francis Jr. | Clappville. |
| | Stoddard, E. B. | Worcester. |
| | Stone, Daniel* | " |
| | Stone, Aaron Jr. | " |
| | Stone, Samuel V. | " |
| 1862 | Stone, Timothy S. | " |
| | Stone, Mrs. Lottie J. | " |
| | Stone, Miss Mary A. | " |
| | Stone, Miss Lizzie | " |
| | Stone, Master Geo. H. | " |
| | Stone, Miss L. Jennie | " |
| | Stone, Abijah | " |
| | Stone, Job C.* | Shrewsbury. |
| 1860 | Stone, Josiah G. | " |
| | Stone, Joseph | Westboro'. |
| | Story, Simeon N. | Worcester. |
| | Stowe, Elijah* | " |
| 1854 | Stowe, Martin* | " |
| 1871 | Stowe, Luther | " |
| | Stowell, L. W.* | " |
| | Stowell, David D.* | " |
| | Streeter, John P. | " |
| 1855 | Strong, Francis | " |
| | Sturtevant, Mrs. Harvey | " |
| 1863 | Struthers, Wm. C.* | Millbury. |
| | Sumner, George | Worcester. |

## S.

| Date. | Name. | Residence. |
|---|---|---|
| | Sumner, Mrs. George | Worcester. |
| | Sumner, Sullivan | Milford. |
| 1862 | Swett, William O. | Chicago. |
| 1863 | Swan, Eliott | Worcester. |
| | Sweetser, Seth | " |
| | Symmes, C. T. | Lancaster. |

## T.

| Date. | Name. | Residence. |
|---|---|---|
| | Taft, P. W.* | Worcester. |
| | Taft, George C. | " |
| | Taft, Stephen | " |
| 1863 | Taft, Calvin | " |
| 1864 | Taft, Mrs. Calvin | " |
| | Taft, Lyman J. | " |
| | Taft, Mrs. Lyman J. | " |
| | Taft, Henry G. | " |
| | Taft, Edward C. | " |
| | Taft, Bezaleel* | Uxbridge. |
| | Taft, Lewis S. | " |
| | Tainter, Daniel | Worcester. |
| 1864 | Tainter, Mrs. Daniel | " |
| 1860 | Tainter, Harvey S.* | " |
| 1872 | Tainter, Charles E. | " |
| | Tainter, Ephraim C. | Philadelphia |
| | Tainter, Mrs. E. C. | " |
| | Tarbox, John L. | Worcester. |
| 1870 | Taylor, R. C. | " |
| | Taylor, Thomas | Dudley. |
| | Taylor, Samuel | Sutton. |
| | Tead, Nathaniel* | Hallowell, Me. |
| | Tenney, Daniel | Sutton. |
| | Thayer, Joseph* | Uxbridge. |
| 1864 | Thayer, Alexander | New Haven. |
| | Thayer, Benjamin | Worcester. |
| 1866 | Thayer, Horace | " |
| | Thayer, Mrs. Horace | " |
| | Thayer, Charles D. | " |
| 1858 | Thompson, Wm. C. | " |
| 1865 | Thompson, Simeon E.* | " |
| 1871 | Thompson, C. O. | " |
| 1874 | Thompson, Miss Ella G. | " |

## T.

| Date. | Name. | Residence. |
|---|---|---|
| | Thomas, Benj. F. | Brookline. |
| | Thomas, Mrs. Benj F. | " |
| 1856 | Thomas, Benj. F. Jr. | " |
| | Thomas, Miss A. P. | " |
| 1854 | Thurston, Joseph* | Worcester. |
| 1855 | Thurston, David C.* | " |
| 1860 | Thurston, Wm. H. | Oxford. |
| | Thurber, Chas. | Brooklyn, N. Y. |
| 1855 | Thurber, Mrs. M. F. | " |
| 1854 | Tiffany, P. Dexter* | Worcester. |
| 1856 | Tiffany, Mrs. H. K. | " |
| " | Tiffany, John K. | " |
| | Tolman, Albert | " |
| | Torrey, Samuel D. | Millbury. |
| | Tower, H. N. | Worcester. |
| | Tower, Miss Addie L. | " |
| | Townsend, Velette | " |
| 1859 | Tourtellott, S. D.* | " |
| | Tourtellott, S.* | " |
| 1867 | Trask, Mrs. F. J. | Leicester. |
| 1862 | Trumbull, John | Boston. |
| | Trumbull, George A.* | Worcester |
| 1856 | Trumbull, Susan | " |
| | Tucker, Thomas | Westboro'. |
| | Tucker, Augustus* | Worcester. |
| | Turner, Mrs. Peter J. | " |

## U.

| Date. | Name. | Residence. |
|---|---|---|
| | Underwood, Orison | Milford. |
| | Underwood, A. | Westborough. |
| | Upham, George, | Leicester. |
| | Upham, Harvey G. | Worcester. |
| | Upham, Baylies | " |
| 1870 | Upham, Roger F. | " |

## V.

| Date. | Name. | Residence. |
|---|---|---|
| | Vaill, Edward W. | Worcester. |

## W.

| Date. | Name. | Residence. |
|---|---|---|
| 1855 | Waite, Alvin* | Worcester. |
| | Waite, Andrew J. | " |
| | Waldo, Daniel* | " |
| | Walker, Asa | " |
| | Walker, Benjamin | " |
| | Walker, Joseph H. | " |
| | Walker, Joseph, | West Newton |
| | Ward, Artemas* | Worcester. |
| | Ward, Daniel | " |
| 1868 | Ward, Mrs. Daniel | " |
| | Ward, Frederick W. | " |
| | Ward, Mrs. Fred. W. | " |
| 1855 | Ward, S. D. | Shrewsbury. |
| 1859 | Ward, T. W. | " |
| 1874 | Ward, Miss Ella H. | " |
| 1863 | Warren, John M.* | Worcester. |
| | Warren, John D. | " |
| 1863 | Warren, Rufus C. | Grafton. |
| | Washburn, Ichabod* | Worcester. |
| 1871 | Washburn, John D. | " |
| | Washburn, Emory | Cambridge. |
| 1855 | Washburn, Henry S. | Boston. |
| 1863 | Washburn, Nathan | Hartford, Ct. |
| | Waters, Asa H. | Millbury. |
| | Waters, Charles H. | Groton. |
| | Watson, Horace C.* | Leicester. |
| | Watson, L. S. | " |
| | Weed, Jared* | Petersham. |
| | Wellington, Fred. W. | Worcester. |
| 1866 | Wellington, Timothy W. | " |
| | Wellington, Mrs. Timothy W. | " |
| | Weston, Miss J. A. | " |
| | Wheaton, Henry S.* | California. |
| | Wheeler, William A.* | Worcester |
| | Wheeler, Miss F. W. | " |
| | Wheeler, George W. | " |
| | Wheeler, Mrs. George W. | " |
| | Wheeler, Wm. F. | " |
| 1854 | Wheeler, Charles A.* | " |
| 1864 | Wheeler, Mrs. N. | " |
| " | Wheeler, Henry A. | " |
| | Wheeler, Miss Nancy | " |
| | Wheeler, Erastus S. | Berlin. |
| | Wheeler, Jona D. | Grafton. |
| 1863 | Wheeler, Wm. H. | Millbury. |
| | Wheelock, Wm. A. | Dudley. |
| | White, Charles | New York. |
| | White, Geo. W. | Cambridge. |
| | White, Alonzo | Leicester. |
| | White, Charles | Northbridge. |
| 1863 | White, William | West Boylston. |
| 1864 | White, Cyrus | Millbury. |
| | White, James | Worcester. |

## W.

| Date. | Name. | Residence. |
|---|---|---|
| 1872 | White, Miss Louise | Worcester. |
| | Whiting, Charles H. | " |
| | Whiting, Charles B. | " |
| 1855 | Whiting, Benj. F. | " |
| 1856 | Whiting, George W. | " |
| | Whiting, Miss Mary F. | " |
| | Whiting, B. G. | Lunenburg. |
| | Whitin, Paul | Northbridge. |
| | Whitin, John C. | " |
| 1856 | Whitin, N. D. | " |
| | Whitney, B. D. | Boston. |
| 1863 | Whitcomb, Carter | Worcester. |
| 1873 | Whitcomb, G. Henry | " |
| | Whitcomb, Mrs. Abbie E. | " |
| | Whittemore, Charles | " |
| 1870 | Whittemore, Mrs. Chas. | " |
| | Whittemore, Miss E. J. | " |
| | Whittemore, Mrs. Asa D. | " |
| | Whitcomb, John P.* | Harvard. |
| 1855 | Whittier, Chas. V. | Northbridge. |
| 1863 | Whittier, Mrs. N. S. | Worcester. |
| | Whittier, Melvin O. | " |
| 1874 | Whittier, Miss Mabelle E. | " |
| 1864 | Whipple, Franklin | " |
| | Wilkis, Clara | " |
| | Willard, Fitzroy* | " |
| 1854 | Willard, Mrs. Fitzroy | " |
| 1862 | Willard, Calvin* | " |
| | Willard, Mrs. Calvin | " |
| | Willard, Miss Mary E. | " |
| | Williams, Wm. A. | " |
| | Williams, Warren | " |
| 1874 | Williams, Mrs. Warren | " |
| 1855 | Williams, James O.* | " |
| 1857 | Williams, Hartley | " |
| " | Williams, Mrs. Hartley | " |
| | Williams, Miss H. F. | " |
| | Williams, Miss Mary E. | " |
| | Wilson, George W. | " |
| | Winn, Mrs. Francis | " |
| | Wing, Hiram | Northbridge. |
| 1863 | Wing, Henry F. | Grafton. |
| | Witherby, L. B. | Worcester. |
| | Wood, Samuel* | Boston. |
| 1856 | Wood, J. G. | Millbury. |
| 1862 | Wood, Newell | " |
| | Woodcock, Josephus | Leicester. |
| | Woodcock, Lucius | " |
| 1865 | Woodcock, Theodore E. | " |
| | Woodward, Rufus | Worcester. |
| | Woodward, Mrs. Rufus | " |
| 1854 | Woodward, J. L. | " |
| 1858 | Woodward, Henry | " |

## W.

| Date. | Name. | Residence. |
|---|---|---|
| " | Woodward, Samuel | Worcester. |
| | Woodward, Mrs. Mary E. | " |
| | Woodward, S. B.* | Northampton. |
| 1869 | Woodwell, Chas. H.* | Worcester. |
| | Work, John W. | Templeton. |
| 1864 | Works, Edwin D. | Fitchburg. |
| | Workman, Wm. | Worcester. |
| | Workman, Mrs. Wm. | " |
| 1864 | Workman, Miss L. J. | " |
| 1862 | Wyman, Mrs. Abby | " |
| " | Wyman, Miss Nellie M. | " |

## Y

| Date. | Name. | Residence. |
|---|---|---|
| 1854 | Young, Priestly | Worcester. |
| 1864 | Young, Mrs. Priestly | " |
| 1871 | Young, Mrs. Julia | " |
| | Young, Loring* | Leicester. |

# SCHEDULE OF PREMIUMS

OFFERED BY THE

## WORCESTER COUNTY

# Horticultural Society,

FOR THE YEAR 1876.

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☞ The attention of Exhibiters is particularly called to the Rules and Regulations, General and Special.

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WORCESTER, MASS.:
EDWARD R. FISKE, PRINTER.
1876.

## COMMITTEE OF ARRANGEMENTS AND EXHIBITIONS.

JOHN C. NEWTON, *Chairman.*
GEORGE E. FRANCIS,
SAMUEL FLAGG,
JAMES DRAPER,
HENRY PHELPS,
ALFRED DAVIS.
O. B. HADWEN.

WM. T. MERRIFIELD, *President.*

EDWARD W. LINCOLN, *Secretary*, Nos. 5 Oak and 18 Front Streets, Worcester.

The Autumnal Exhibition commences on Wednesday, September 20th, at 6 P. M., and closes on Friday, September 22d, at 9 P. M.

## COMMITTEES OF AWARD.

APPLES.—WILLIAM T. HARLOW, *Chairman;* James F. Allen, Samuel A. Knox, Rufus Woodward, of *Worcester;* and John L. Brown, of *Lunenburg.*

GRAPES, PEACHES, &c.—WILLIAM H. EARLE, *Chairman;* T. M. Lamb, Charles Goodwin, of *Worcester;* George Cruickshanks, of *Whitinsville;* and F. M. Marble, of *Grafton.*

PEARS.—HENRY L. PARKER, *Chairman;* Henry Phelps, John C. Newton, James Draper, of *Worcester;* and Newell Wood, of *Millbury.*

PLANTS, FLOWERS, &c.—SAMUEL FLAGG, *Chairman;* George E. Francis, Clarendon Harris, D. S. Messinger, and Henry L. Shumway, of *Worcester.*

VEGETABLES.—ALEXANDER MARSH, *Chairman;* Thomas R. Norcross, J. D. Lovell, Charles Belcher, and Wm. H. Hackett, of *Worcester.*

☞The Committees will meet at 7 o'clock on the evening of Wednesday, September 20th, being the opening evening of the Exhibition, to determine the awards.

# SUMMER EXHIBITIONS.

By vote of the Trustees there will be Two General Exhibitions, in the Summer of 1876, whose precise dates will be determined by the nature of the season. These Exhibitions will open at 3 o'clock P. M., and close at 9:30 o'clock P. M. Admission will be without charge.

### ROSES, FLOWERS, PLANTS, AND STRAWBERRIES.

The Annual Exhibition of Roses, Cut Flowers, Green House Plants, and Strawberries, will be held in the Hall of Flora, between the hours named above.

All articles for competition must be entered with the Secretary, and be placed on the tables, before 1 o'clock, P. M.

### SPECIAL NOTICE :

The Rules and Regulations require that correct and legible names shall be attached to each and every plant or flower entered in a class of named varieties ; and that written lists of the same shall be given to the Secretary.

Strict compliance with the Rules and Regulations, to be found on pages 9 and 10, is required on the part of Contributors and Committees.

## PREMIUMS.

### GARDEN ROSES.

| | |
|---|---|
| For the best general display of named varieties | $ 8 00 |
| For the second best | 5 00 |
| For the third best | 3 00 |
| For the best arranged vase | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |

CUT FLOWERS.

| | |
|---|---|
| For the best collection | $ 5 00 |
| For the second best | 3 00 |
| For the third best | 2 00 |

GREEN HOUSE PLANTS.

| | |
|---|---|
| For the best collection of named specimens | $ 8 00 |
| For the second best | 6 00 |
| For the third best | 4 00 |

PANSIES.

| | |
|---|---|
| For the best stand | $ 2 00 |
| For the second best stand | 1 00 |

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## STRAWBERRIES.

No person can compete for more than one premium with the same species of Berry or varieties of Fruit. All *Small Fruits* must be displayed in quart boxes.

PREMIUMS.

| | |
|---|---|
| For the best quart of Agriculturist | $ 2 00 |
| For the second best quart of Agriculturist | 1 00 |
| For the third best quart of Agriculturist | 50 |
| For the best quart of Boyden No. 30 | 1 00 |
| For the best quart of Charles Downing | 2 00 |
| For the second best quart of Charles Downing | 1 00 |
| For the third best quart of Charles Downing | 50 |
| For the best quart of Col. Cheney | 2 00 |
| For the second best quart of Col. Cheney | 1 00 |
| For the best quart of Downer's Prolific | 1 00 |
| For the best quart of Ida | 1 00 |
| For the best quart of Jucunda | 2 00 |
| For the second best quart of Jucunda | 1 00 |
| For the third best quart of Jucunda | 50 |
| For the best quart of Kentucky | 2 00 |
| For the second best quart of Kentucky | 1 00 |
| For the third best quart of Kentucky | 50 |

| | |
|---|---|
| For the best quart of Lady of the Lake | $ 1 00 |
| For the best quart of Matilda | 1 00 |
| For the best quart of President Wilder | 1 00 |
| For the best quart of Lennig's White | 1 00 |
| For the best quart of Triomphe de Gand | 2 00 |
| For the second best quart of Triomphe de Gand | 1 00 |
| For the third best quart of Triomphe de Gand | 50 |
| For the best quart of Wilson | 2 00 |
| For the second best quart of Wilson | 1 00 |
| For the third best quart of Wilson | 50 |
| For the best quart of any other variety | 1 00 |

CHERRIES.

| | |
|---|---|
| For the best two quarts of Black Tartarian | 2 00 |
| For the second best two quarts of Black Tartarian | 1 00 |
| For the best two quarts of any other named Black variety | 1 00 |
| For the best two quarts of any named White variety | 2 00 |
| For the second best two quarts of any named White variety | 1 00 |

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The Second Summer Exhibition will be held at a suitable time, during the month of August, under similar Rules and between the same hours as the first.

The Premiums will be,—

## FLORAL:

PROFESSIONAL.

| | |
|---|---|
| For the best two stands of Cut Flowers, from Professional Florists | $ 5 00 |
| For the second best two stands of Cut Flowers, " | 3 00 |
| For the third best two stands of Cut Flowers, " | 2 00 |

AMATEUR.

| | |
|---|---|
| For the best stand of Cut Flowers, from Amateur Florists | $ 5 00 |
| For the second best stand of Cut Flower, " | 4 00 |
| For the third best stand of Cut Flowers, " | 3 00 |

For the fourth best stand of Cut Flowers from Amateur Florists...$ 2 00
For the fifth best stand of Cut Flowers, " ... 1 00

Taste in arrangement will be considered, as well as superiority of specimens, in the award of all Floral Premiums.

## POMOLOGICAL.

### CURRANTS.

For the best two quarts of La Versaillaise.....$ 2 00
For the best one quart of La Versaillaise..... 1 00
For the best quart of Red Dutch..... 1 00
For the second best quart of Red Dutch..... 50
For the best quart of Dana's Transparent..... 1 00
For the best quart of White Gondouin..... 1 00
For the best two quarts of White Grape..... 2 00
For the best one quart of White Grape..... 1 00

### RASPBERRIES.

For the best two quarts each of three named varieties.....$ 3 00
For the best two quarts of Brinckle's Orange..... 2 00
For the second best two quarts of Brinckle's Orange..... 1 00
For the best two quarts of Northumberland..... 2 00
For the second best two quarts of Northumberland..... 1 00
For the best two quarts of Hudson River Antwerp..... 2 00
For the second best two quarts of Hudson River Antwerp.... 1 00
For the best quart of Clarke..... 1 00
For the best quart of Franconia..... 1 00
For the best quart of Hornet..... 1 00
For the best quart of Knevett's Giant..... 1 00
For the best quart of Philadelphia..... 1 00

### BLACK CAPS.

For the best two quarts of any named variety..... 2 00
For the second best " " ..... 1 00

### BLACKBERRIES.

For the best quart of Wilson..... 1 00
For the best quart of Kittatinny..... 1 00
For the best quart of Wachusett..... 1 00

APPLES.

| | |
|---|---|
| For the best ten specimens of any named variety | 2 00 |
| For the second best ten specimens of any named variety | 1 00 |

PEARS.

| | |
|---|---|
| For the best twelve specimens of Beurre Giffard | $ 2 00 |
| For the second best | 1 00 |
| For the best twelve specimens of Doyenne d 'Eté | 1 00 |
| For the best twelve of any other named variety | 1 00 |

TOMATOES.

| | |
|---|---|
| For the best twelve specimens (open culture) | 2 00 |
| For the second best twelve specimens (open culture) | 1 00 |

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At these Summer Exhibitions the Standing Committee on Flowers, Plants, &c , &c., will serve.

The Committee on Fruits, &c., &c., will consist of Messrs. Henry Phelps, James Draper, John C. Newton, George Cruickshanks, of *Whitinsville*, and the Secretary.

In order to afford the Committees an opportunity to examine and report on the articles exhibited, no other person can be admitted to, or remain in the Hall, between the hours of one (1) and three (3) o'clock on the days of the Exhibitions.

# AUTUMNAL EXHIBITION.

The Society will hold its Annual Autumnal Exhibition, A. D. 1876, in its own Halls, on Front Street, in the City of Worcester.

The Exhibition will commence on Wednesday, September 20th, at 6 o'clock P. M., and close on Friday, September 22d, at 9 o'clock P. M.

☞ Exhibitors are notified that strict conformity to the Regulations and Rules will be expected and required, for their own benefit as well as for the convenience of the Officers of the Society.

☞ Particular attention is called to the Rules and Regulations on pp. 9 and 10, and especially to Nos. 1 and 17, respectively; the one defining the limit of time for entries of Vegetables, and the other requiring lists of all entries to be filed with the Secretary.

## RULES AND REGULATIONS:

1. Articles offered for premium at the Autumnal Exhibiton must be in the Halls and entered with the Secretary before six (6) o'clock P. M., of the opening day of the Exhibition; *Provided*, that all entries of Vegetables for the Exhibition must be made with the Secretary *before* 6 o'clock P. M., on the 16th day of September.

2. Competition for premiums is open to all; but a discount of one-third of the amount will be made from awards to persons who are not Members of the Society; and it is strictly required that all specimens offered for premium shall have been grown by the competitors, *within the County of Worcester.*

3. After the articles are arranged they will be under the exclusive charge of the Committees, and *not even the owners* will have liberty to *remove* them, until the Exhibition is closed, when they will be delivered as the contributors may direct.

4. No person shall be entitled to receive more than one premium for the same specimen, and no article for which a premium has been once awarded can receive another during the season.

5. No cards of a business nature will be allowed in any Exhibition.

6. Where a certain number or quantity of Plants, Flowers, Fruits, or Vegetables, is designated in the schedule, there must be neither more nor less than that number or quantity of specimens shown; and in no case can any other varieties than those named in the schedule be substituted.

7. It will be the duty of the Committees to *exclude from exhibition all inferior specimens.* Also, all such *Designs* as, in their opinion, evince an incorrect taste.

8. The Committee have power to change the time of exhibition for any article, if an earlier or later season renders such change necessary, by giving seasonable notice thereof.

9. All articles offered for premiums must be correctly named. Indefinite appellations, such as "Pippin," "Sweeting," "Greening," etc., will not be considered as names.

10. No Flowers, Plants, Fruits or Vegetables will be entitled to a premium unless they possess points of superiority; and the Committees are *strictly required* to withhold premiums if, in their opinion, the articles exhibited do not merit them.

11. Competitors will be required to furnish information as to their mode of cultivation, and to present specimens for trial and examination, if requested.

12. No member of any of the Committees for awarding premiums or gratuities shall, in any case, vote or decide respecting an award for which such member may be a competitor, or therein have an interest; but in such case such member shall temporarily vacate his place upon the Committee, the vacancy for the time being to be supplied by the remaining members of the Committee.

13. All premiums that are not claimed within three months after the Autumnal Exhibition shall be forfeited to the Society.

14. The awards of the premiums will be made known as soon as the premium cards can be filled out and placed upon the tables.

15. Admission to the Autumnal Exhibition, for those who are not members of the Society, 15 cents; children under sixteen years of age, 10 cents; packages of five (5) tickets, 50 cents.

16. At the close of the Exhibition the Fruit, Vegetables, etc., belonging to the Society will be sold, and all specimens which are not claimed at that time will be considered as given to the Society, and will be sold for its benefit.

17. *Contributors will be required to furnish the Secretary with a list of their articles, specifying the precise Class in which they would compete.*

18. "Downing's Fruits of America," revised edition, will guide the Committees in their decisions upon matters at issue.

☞ SPECIAL NOTICE.—The several Committees will meet at 7 o'clock P. M., on the opening evening of the Exhibition, to make their awards.

# PREMIUMS.

# AUTUMNAL EXHIBITION.

## APPLES.

COMMITTEE.—Wm. T. Harlow, *Chairman;* James F. Allen, Rufus Woodward, Samuel A. Knox, of *Worcester;* and John L. Brown, of *Lunenburg.*

☞ The Committee will meet at 7 o'clock on the evening of Wednesday, September 20th, being the opening evening of the Exhibition, to determine the awards.

| | |
|---|---|
| For the best ten Astrachan (Red) | $ 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Baldwin | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Cogswell | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Duchess of Oldenburg | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Golden Sweet | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |

| | |
|---|---|
| For the best ten Gravenstein | $ 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Holden Pippin | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Hubbardston Nonesuch | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Leicester Sweet | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Lyscom | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Maiden's Blush | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten McClellan | 2 00 |
| For the second best | 1 00 |
| For the best ten Mother | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Northern Spy | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Peck's Pleasant | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Porter | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Rhode Island Greening | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Roxbury Russett | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |
| For the best ten Sweet Bough (Early) | 2 00 |
| For the second best | 1 50 |
| For the third best | 1 00 |

For the best ten Tallman's Sweet.....$ 2 00
For the second best..... 1 50
For the third best..... 1 00
For the best ten Twenty Ounce..... 2 00
For the second best..... 1 50
For the third best..... 1 00
For the best ten Washington Royal..... 2 00
For the second best..... 1 50
For the third best..... 1 00
For the best ten Washington Strawberry..... 2 00
For the second best..... 1 50
For the third best..... 1 00
For the best ten Williams' Early Red..... 2 00
For the second best..... 1 50
For the third best..... 1 00

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## GRAPES, PEACHES, &C.

COMMITTEE.—William H. Earle, *Chairman;* Thomas M. Lamb. Chas. Goodwin, of *Worcester;* George Cruickshanks, of *Whitinsville;* and F. M. Marble, of *Grafton.*

☞ The Committee will meet at 7 o'clock on the evening of Wednesday, September 20th, being the opening evening of the Exhibition, to determine the awards.

### GRAPES.

UNDER GLASS.—For the best two clusters of Black Hamburg....$ 3 00
For the second best..... 2 00
For the third best..... 1 00
For the best two clusters of any other named Black Grape..... 2 00
For the second best..... 1 00
For the best two clusters of White Muscat..... 2 00
For the second best..... 1 00
For the best two clusters of White Frontignan..... 2 00
For the second best..... 1 00

For the best two clusters of any other named White..... $2 00
For the second best..... 1 00
For the best two clusters of Grizzly Frontignan..... 2 00
For the second best..... 1 00
Open Air.—For the best four clusters of Concord..... 2 00
For the best four clusters of Delaware..... 2 00
For the best four clusters of Diana..... 2 00
For the best four clusters of Hartford Prolific..... 1 00
For the best four clusters of Iona..... 2 00
For the best four clusters of Rogers No. 3, (Massasoit)..... 2 00
For the best four clusters of Rogers No. 9, (Lindley)..... 2 00
For the best four clusters of Rogers No. 15, (Agawam)..... 2 00
For the best four clusters of Rogers No. 19, (Merrimac)..... 2 00
For the best four clusters of Salem..... 2 00
For the best four clusters of Worden..... 2 00

PEACHES.

For the best collection of six named varieties, not less than ten specimens each..... 6 00
For the second best..... 4 00
For the third best..... 2 00
For the best three named varieties of twelve specimens each..... 3 00
For the second best..... 2 00
For the best one named variety of twelve specimens..... 2 00
For the second best..... 1 00
For the best twelve specimens of any other named variety..... 1 00

PLUMS.

For the best collection of not less than four named varieties..... 3 00
For the second best..... 2 00
For the best three varieties..... 2 00
For the second best..... 1 00
For the best single plate..... 2 00
For the second best..... 1 00

QUINCES.

For the best collection of not less than three varieties..... 5 00
For the second best..... 3 00
For the best twelve Orange Quinces..... 3 00
For the second best..... 2 00

CRAB APPLES.

| | |
|---|---|
| For the best display | $3 00 |
| For the second best | 2 00 |
| For the best dish of twenty-four specimens of any named variety. | 2 00 |
| For the second best | 1 00 |

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## PEARS.

COMMITTEE.—Henry L. Parker, *Chairman;* Henry Phelps, John C. Newton, James Draper, of *Worcester;* and Newell Wood, of *Millbury.*

☞ The Committee will meet at 7 o'clock on the evening of Wednesday, September 20th, being the opening evening of the Exhibition, to determine the awards.

CLASS 1.—

| | |
|---|---|
| For the best twelve Bartlett | $3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best twelve Beurre Bosc | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best twelve Beurre Clairgeau | 1 00 |
| For the best twelve Beurre d'Anjou | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best twelve Beurre Delaunoy | 2 00 |
| For the second best | 1 00 |
| For the best twelve Beurre Diel | 2 00 |
| For the second best | 1 00 |
| For the best twelve Beurre Hardy | 1 00 |
| For the best twelve Beurre Langelier | 2 00 |
| For the second best | 1 00 |
| For the best twelve Beurre Superfin | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |

For the best twelve Dix ..... $1 00
For the best twelve Doyenné Boussoc ..... 2 00
For the second best ..... 1 00
For the best twelve Doyenné du Comice ..... 3 00
For the second best ..... 2 00
For the third best ..... 1 00
For the best twelve Duchesse d'Angoulême ..... 3 00
For the second best ..... 2 00
For the third best ..... 1 00
For the best twelve Durandeau ..... 2 00
For the second best ..... 1 00
For the best twelve Flemish Beauty ..... 2 00
For the second best ..... 1 00
For the best twelve Goodale ..... 2 00
For the second best ..... 1 00
For the best twelve Glou Morceau ..... 3 00
For the second best ..... 1 00
For the best twelve Howell ..... 2 00
For the second best ..... 1 00
For the best twelve Josephine de Malines ..... 3 00
For the second best ..... 1 00
For the best twelve Lawrence ..... 3 00
For the second best ..... 2 00
For the third best ..... 1 00
For the best twelve Louise Bonne de Jersey ..... 3 00
For the second best ..... 2 00
For the third best ..... 1 00
For the best twelve Marie Louise ..... 2 00
For the second best ..... 1 00
For the best twelve Mt. Vernon ..... 1 00
For the best twelve Onondaga ..... 2 00
For the second best ..... 1 00
For the best twelve Paradis d'Automne ..... 2 00
For the second best ..... 1 00
For the best twelve Seckel ..... 3 00
For the second best ..... 2 00
For the third best ..... 1 00
For the best twelve Sheldon ..... 3 00
For the second best ..... 2 00
For the third best ..... 1 00

| | |
|---|---|
| For the best twelve St. Ghislain | $ 2 00 |
| For the second best | 1 00 |
| For the best twelve St. Michel | 2 00 |
| For the second best | 1 00 |
| For the best twelve St. Michel Archange | 2 00 |
| For the second best | 1 00 |
| For the best twelve Urbaniste | 2 00 |
| For the second best | 1 00 |
| For the best twelve Vicar of Winkfield | 2 00 |
| For the second best | 1 00 |
| For the best twelve Washington | 2 00 |
| For the second best | 1 00 |
| For the best twelve Winter Nelis | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |

CLASS 2. (New Pears.)

| | |
|---|---|
| For the best twelve Beurre de l' Assomption | 2 00 |
| For the second best | 1 00 |
| For the best twelve Souvenir du Congrés | 2 00 |
| For the second best | 1 00 |
| For the best twelve Duchesse de Bordeaux | 1 00 |
| For the best twelve Dr. Reeder | 1 00 |
| For the best twelve Helene Grégoire | 1 00 |
| For the best twelve Huyshe's Prince Consort | 1 00 |
| For the best twelve Rutter | 1 00 |
| For the best twelve Emile d' Heyst | 1 00 |
| For the best twelve Doyenné Hovey | 1 00 |
| For the best twelve Souvenir d' Esperen | 1 00 |
| For the best twelve Gen. Todleben | 1 00 |
| For the best twelve Duc de Bordeaux | 1 00 |

☞ The following Special Premiums are offered by the Secretary:

| | |
|---|---|
| For the twelve best specimens of Beurre Bosc | 5 00 |
| For the twelve best specimens of Doyenné du Comice | 5 00 |
| For the twelve best specimens of Sheldon | 5 00 |
| For the twelve best specimens of Washington | 5 00 |

It will be required that these specimens shall be at least equal, in all respects, to any that were ever exhibited in Horticultural Hall; and that the several lots entered for competition shall remain the property of the

Society, to be shown in Philadelphia if worthy ; or to be sold for the benefit of the Society, if not deemed fit for that high honor.

☞ Competition for these Special Premiums is open to Pomologists throughout the Commonwealth.

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## PLANTS, FLOWERS, &C.

COMMITTEE.—Samuel Flagg, *Chairman ;* George E. Francis, Clarendon Harris, David S. Messinger, and Henry L. Shumway, of *Worcester.*

☞ The Committee will meet at 7 o'clock on the evening of Wednesday, September 20th, being the opening evening of the Exhibition, to determine the awards.

[RULE : All Pot-Plants shall have been grown in the Pots in which they are exhibited.]

ASTERS.—

| | |
|---|---|
| For the best display (one stand) | $ 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the fourth best | 1 00 |

BASKET.—(HANGING)—

| | |
|---|---|
| For the best, grown at least one month in the basket | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |

BOUQUETS.—(HAND)—

| | |
|---|---|
| For the best pair | 3 00 |
| For the second best | 2 00 |

BOUQUETS.—(PARLOR)—

| | |
|---|---|
| For the best pair | 3 00 |
| For the second best | 2 00 |

DAHLIAS.—

| | |
|---|---|
| For the best twelve named varieties | 2 00 |

DESIGN.—(Floral)—

| | |
|---|---|
| For the best | $ 4 00 |
| For the second best | 2 00 |

FLOWERS.—(Cut)— [Variety and arrangement will be considered as well as rarity and quantity.]

| | |
|---|---|
| For the best Collection, and best kept during the Exhibition, not exceeding three stands | 6 00 |
| For the second best | 4 00 |
| For the third best | 2 00 |
| For the best Stand | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best arranged Basket or Dish | 3 00 |
| For the second best | 2 00 |

GLADIOLUS.—

| | |
|---|---|
| For the best Collection, named or unnamed varieties | 5 00 |
| For the second best | 3 00 |
| For the best ten named varieties | 3 00 |
| For the second best | 2 00 |
| For the best specimen spike | 1 00 |
| For the best seedling | 1 00 |

PANSIES.

| | |
|---|---|
| For the best display | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |

PINKS.—(China)—

| | |
|---|---|
| For the best display | 2 00 |
| For the second best | 1 00 |

PETUNIAS.—

| | |
|---|---|
| For the best display | 2 00 |
| For the second best | 1 00 |

VERBENAS.—

| | |
|---|---|
| For the best display | 3 00 |
| For the second best | 2 00 |
| For the third best | 1 00 |
| For the best display of seedlings | 2 00 |

STOVE AND GREENHOUSE PLANTS.

PLANTS WITH ORNAMENTAL FOLIAGE.—

| | |
|---|---|
| For the best twelve | $ 15 00 |
| For the second best | 8 00 |
| For the best six | 5 00 |
| For the second best | 3 00 |
| For the best single | 3 00 |
| For the second best | 1 00 |

PLANTS IN BLOOM.—

| | |
|---|---|
| For the best four | 5 00 |
| For the second best | 3 00 |
| For the best single | 3 00 |
| For the second best | 1 00 |

RARE AND NEW PLANTS.—

| | |
|---|---|
| For the best collection | 6 00 |
| For the second best | 4 00 |

FERNS AND LYCOPODS.—

| | |
|---|---|
| For the best collection | 6 00 |
| For the second best | 4 00 |

PARLOR PLANTS IN POTS.—(From Amateurs.)—

| | |
|---|---|
| For the best collection, not exceeding twelve varieties | 5 00 |
| For the second best | 3 00 |
| For the best single Plant | 2 00 |
| For the second best | 1 00 |

FERNERY OR WARDIAN CASE, from any source.—

| | |
|---|---|
| For the best | 3 00 |
| For the second best | 1 00 |

## VEGETABLES.

COMMITTEE.—Alexander Marsh, *Chairman;* Thomas R. Norcross, J D. Lovell, Charles Belcher, and William H. Hackett, of *Worcester.*

☞ All entries in this Department must be made with the Secretary before the 16th day of September. And all Vegetables exhibited for premiums must be in the Hall of Ceres by 6 o'clock P. M., on Wednesday, the 2( th day of September.

☞ The Committee will meet at 7 o'clock on the evening of Wednesday, September 20th, this being the opening evening of the Exhibition, to determine the awards.

BEANS.—

For the best four varieties..... $ 1 00

BEETS.—

For the best six Long Blood..... 1 00
For the best six Early Bassano..... 1 00
For the best six Egyptian..... 1 00
For the best six Sugar..... 1 00
For the best six Turnip..... 1 00

CABBAGES.—

For the best two Large Flat Brunswick..... 2 00
For the best single specimen..... 1 00
For the best two Drumhead..... 2 00
For the best single specimen Drumhead, weight not less than 30 lbs..... 2 00
For the best two Drumhead Savoy..... 2 00
For the best single specimen..... 1 00
For the best two Early Sweinfurth..... 2 00
For the best single specimen..... 1 00
For the best two Red..... 2 00
For the best single specimen..... 1 00
For the best two Savoy..... 2 00
For the best single specimen..... 1 00

CARROTS.—

For the best six Early Horn or Short Scarlet..... 1 00
For the best six Long Orange..... 1 00
For the best six Red..... 1 00
For the best six White..... 1 00

CAULIFLOWERS.—

| | |
|---|---|
| For the best three specimens | $ 2 00 |
| For the best single specimen | 1 00 |

CELERY.—

| | |
|---|---|
| For the best six roots | 3 00 |
| For the second best | 2 00 |

CORN.—

| | |
|---|---|
| For the best collection of Sweet, not less than five named varieties | 4 00 |
| For the second best | 3 00 |
| For the best six ears of Sweet | 2 00 |
| For the second best | 1 00 |
| For the best Yellow or Field, of twenty ears traced | 2 00 |
| For the second best | 1 00 |

CRANBERRIES.—

| | |
|---|---|
| For the best peck | 1 00 |

CUCUMBERS.—

| | |
|---|---|
| For the best half peck for pickling | 2 00 |

EGG PLANT.—

| | |
|---|---|
| For the best three specimens | 1 00 |

HORSE RADISH.—

| | |
|---|---|
| For the best six roots | 1 00 |

MELONS.—

| | |
|---|---|
| For the best two Water | 2 00 |
| For the second best | 1 00 |
| For the best Green Flesh, three specimens | 2 00 |
| For the best Yellow Flesh, three specimens | 2 00 |

ONIONS.—

| | |
|---|---|
| For the best four varieties, a half peck of each | 3 00 |
| For the second best | 2 00 |
| For the best half peck of Red | 1 00 |
| For the best half peck of Silver Skin | 1 00 |
| For the best half peck of White Portugal | 1 00 |
| For the best half peck of Yellow Danvers | 1 00 |

PARSNEPS.—

| | |
|---|---|
| For the best six Guernsey | 1 00 |
| For the best six Hollow Crown | 1 00 |

For the best six Student..... $ 1 00
For the best six Short..... 1 00

POTATOES.—

For the best five named varieties, half a peck of each..... 6 00
For the second best..... 4 00
For the third best..... 3 00

PUMPKINS.

For the best three, weight not less than 20 lbs each..... 2 00
For the second best..... 1 00

PEPPERS.—

For the best half peck..... 1 00

SALSIFY.—

For the best six specimens..... 1 00

SQUASHES.—

For the best three pure Crookneck..... 2 00
For the best three pure Canada Crookneck..... 2 00
For the best three Pure Hubbard..... 2 00
For the best three pure Mammoth..... 2 00
For the best three pure Marblehead..... 2 00
For the best three pure Marrow..... 2 00
For the best three pure Turban..... 2 00

TOMATOES.—

For the best Boston Market..... 1 00
For the best twelve Lester..... 1 00
For the best twelve Tilden..... 1 00
For the best twelve Trophy..... 1 00
For the best twelve of any other named variety..... 1 00

TURNIPS.—

For the best six English or Flat, white or yellow..... 1 00
For the best six White Swedes..... 1 00
For the best twelve Yellow Swedes..... 1 00

☞ And a Premium of two dollars ($2.00) is offered by the Secretary for the best three (3) pure Yokohama Squashes.

# A. D., 1877—MARCH.

SPECIAL EXHIBITION OF CHINESE AND OTHER PRIMROSES, CYCLAMENS, HYACINTHS, AND OTHER SPRING-BLOOMING PLANTS.

PLANTS IN BLOOM.—

| | |
|---|---|
| For the best general display | $ 5 00 |
| For the second best general display | 3 00 |

PRIMROSES.—

| | |
|---|---|
| For the best six in bloom | 3 00 |
| For the second best | 2 00 |
| For the best single plant | 2 00 |
| For the second best single plant | 1 00 |

CYCLAMENS.—

| | |
|---|---|
| For the best six in bloom | 3 00 |
| For the second best six in bloom | 2 00 |
| For the best single plant | 2 00 |
| For the second best single plant | 1 00 |

HYACINTHS.—

| | |
|---|---|
| For the best six in pots | 3 00 |
| For the best three in pots | 1 00 |
| For the best single specimen | 1 00 |

# TRANSACTIONS

OF THE

# Worcester County Horticultural Society,

FOR THE YEAR 1875;

COMPRISING

THE REPORTS OF THE COMMITTEES AT THE ANNUAL EXHIBITION; THE REPORT OF THE LIBRARIAN; THE ANNUAL REPORT OF THE SECRETARY FOR THE YEAR 1875; THE BY-LAWS OF THE SOCIETY; AND AN OBITUARY NOTICE OF SAMUEL H. COLTON

# REPORTS.

## REPORT ON APPLES.

COMMITTEE.—Wm. T. Harlow, *Chairman;* James F. Allen, O. B. Hadwen, Samuel H. Colton, Stephen S. Foster, Samuel A. Knox, J. K. L. Pickford, Sylvanus Sears, of *Worcester;* Cyrus White, Henry Marble, of *Millbury;* Lewis A. Maynard, of *Shrewsbury;* and Isaac B. Hartwell, of *Oxford.*

Rarely has there been a shorter or poorer crop of apples than the present year, and never was there greater contrast between the crops of two successive years than between those of 1874 and 1875. That the abundance of last year would be followed by scarcity this, was to have been expected. To Herbert Spencer's illustrations of Rhythm as a prime law of the universe, may be added the apple crop of New England. Not more certainly doth day follow night — ebb-tide follow flood — perihelion follow aphelion, and kosmos follow chaos, than a short crop of apples follows an abundant one.

That the Baldwin bears abundantly only in the even year (A. D.) has been extensively remarked and is beyond dispute. But the fact of more abundant crops alternating with less abundant, though unknown and unremarked in the case of other varieties than the Baldwin by the average apple-grower is just as true of Roxbury Russetts, Hubbardston Nonesuches, Gravensteins, Porters, Northern Spies, Holden Pippins, Maidens Blushes, and every other variety, as it is of Baldwins, and is only one instance of an all-pervading law. The noticeable thing about it is that the bearing year for all varieties is the same — not that there are not exceptional trees of all varieties that produce larger crops in the odd than in the even years. This is true of the Baldwin as well as the others — but *una hirundo*, &c. Exceptions do not disprove the rule. It is substantially true that the even years are the years of plenty as regards apples of all varieties.

One year the market is glutted with apples and the grower is unable to realize any profit on his crop. The next year there are few apples to be had and the price is such that no customer can *afford* to buy them at all. One year the best quality is unsaleable at a dollar a barrel; the next it readily sells at $4, and fruit that the previous year would have gone to the cider mill is actually taken to market and goes quickly at $2, or even more. In view of these facts the question has been mooted whether it be not possible artificially to change the bearing year of apple trees and compel them to bear apples when they are likely to be wanted?

Sanguine theorizers answer affirmatively and say that a tree may be made to bear in the odd year by preventing it from bearing in the even year, and its more abundant crops will afterwards occur in the odd years. *Credat Judæus* until it be established by future experience. Meantime I challenge it as contrary to all past experience, so far as recorded or remembered. It is within the personal recollection of every careful observer now in middle life that during the last thirty years, although the apple trees of New England have been frequently prevented from bearing in the even year by natural causes — frosts, insects, and sometimes unknown causes — there has never been a single large crop of apples in an odd year. In accordance with the sanguine answer to the mooted question, the next year following the failure of an apple crop in an even year from any natural cause, ought to have been thenceforth established as the bearing year. That this result has not followed would seem to point to the existence of some occult cause of the even year periodicity of apple plenty.

Nevertheless let those who believe they can change the bearing year of apples persist in their experiments. If they can establish their theory as a fact, it is a most important fact, and well worth knowing. If an apple-grower who last year had 1000 barrels of marketable apples to sell and waited for customers till he found one-half of his apples rotten and then sent the rest to the cider maker, could by some art have deferred his last year's crop till this year, he would have made his occupation the envy of every merchant and manufacturer in the country. It is not a priori impossible — the discovery of such an art. Neither is it impossible but that human wit may some time invent some art whereby to keep apples over from a year of plenty to a year of scarcity. Find a way to keep apples as you can keep wheat, and every apple-grower in the country, as well as you, the finder thereof, is a made man.

Notwithstanding the shortness of the apple crop, the Annual Exhibition of apples by this Society was highly creditable. The contrast between

the exhibitions of the present and last year was less than might have been expected. Exhibitors competed for nearly every premium offered by the Society.

Among other good results from abolition of the old system of classification of fruits, repeatedly recommended by Secretary Lincoln before its wisdom came to be perceived by all, is the great relief experienced by Committees in making awards. Just decision between large collections composed of different varieties of fruit was more than difficult,—it was simply impossible. To compare and decide between competing lots of the same variety is always possible and rarely difficult. It is to be hoped that the simple plan adopted the present year of offering graded premiums for single plates of ten specimens will be continued as the permanent policy of the Society.

WM. T. HARLOW,
For the Committee.

We return the following award of premiums :

| | |
|---|---|
| For the best ten Astrachan (Red), no entry | $ 3 00 |
| For the second best, no entry | 2 00 |
| For the third best, no entry | 1 00 |
| For the best ten Baldwin, Joseph Pratt | 3 00 |
| For the second best, E. M. Banning | 2 00 |
| For the third best, S. E. Fisher | 1 00 |
| For the best ten Cogswell, Ashley Moore | 3 00 |
| For the second best, O. B. Hadwen | 2 00 |
| For the third best, no entry | 1 00 |
| For the best ten Duchess of Oldenburg, no entry | 3 00 |
| For the second best, no entry | 2 00 |
| For the third best, no entry | 1 00 |
| For the best ten Golden Sweet, no entry | 3 00 |
| For the second best, A. H. Sears | 2 00 |
| For the third best, no entry | 1 00 |
| For the best ten Gravenstein, John Pierce, of W. Boylston | 3 00 |
| For the second best, Addison Lovell, of W. Boylston | 2 00 |
| For the third best, A. H. Sears | 1 00 |
| For the best ten Holden Pippin, Joseph Pratt | 3 00 |
| For the second best, C. T. Foster, of Holden | 2 00 |
| For the third best, O. B. Hadwen | 1 00 |
| For the best ten Hubbardston Nonesuch, S H. Smith | 3 00 |
| For the second best, D. S. Goddard | 2 00 |
| For the third best, J. L. Ellsworth | 1 00 |

For the best ten Leicester Sweet, S. S. Foster.....$ 3 00
For the second best, none worthy of premium..... 2 00
For the third best, none worthy of premium..... 1 00
For the best ten Lyscom, Joseph Pratt..... 3 00
For the second best, Mrs. Solomon Parsons..... 2 00
For the third best, Mrs. Geo. A. Chamberlain ..... 1 00
For the best ten Maiden's Blush, A. H. Sears..... 3 00
For the second best, Mrs. Geo. A. Chamberlain..... 2 00
For the third best, no entry..... 1 00
For the best ten Mother, S. H. Smith..... 3 00
For the second best, Eri Saunders..... 2 00
For the third best, Joseph Pratt..... 1 00
For the best ten Northern Spy, Samuel Putnam..... 3 00
For the second best, Mrs. Geo. A. Chamberlain... 2 00
For the third best, E. M. Banning..... 1 00
For the best ten Peck's Pleasant, S. S. Foster..... 3 00
For the second best, Henry Marble, of Millbury..... 2 00
For the third best, S. Sears..... 1 00
For the best ten Porter, Eri Saunders..... 3 00
For the second best, A. H. Sears..... 2 00
For the third best, S. S. Foster..... 1 00
For the best ten Rhode Island Greening, D. S. Goddard..... 3 00
For the second best, Joseph Pratt..... 2 00
For the third best, A. H. Sears..... 1 00
For the best ten Roxbury Russett, Henry Marble, of Millbury.... 3 00
For the second best, A. H. Sears..... 2 00
For the third best, Mrs. Marshall Flagg..... 1 00
For the best ten Sheppard's Sweet, no entry..... 3 00
For the second best, no entry..... 2 00
For the third best, no entry..... 1 00
For the best ten Sweet Bough (Early), no entry..... 3 00
For the second best, no entry..... 2 00
For the third best, no entry..... 1 00
For the best ten Tallman's Sweet, no award..... 3 00
For the second best, Newell Wood, of Millbury..... 2 00
For the third best, no award..... 1 00
For the best ten Twenty Ounce, Joseph Pratt..... 3 00
For the second best, no award..... 2 00
For the third best, Henry Marble, of Millbury..... 1 00
For the best ten Washington Royal, no entry worthy of premium. 3 00

For the second best, no entry worthy of premium.....$ 2 00
For the third best, no entry worthy of premium..... 1 00
For the best ten Washington Strawberry, C. T. Foster, of Holden. 3 00
For the second best, S. S Foster..... 2 00
For the third best, no entry..... 1 00
For the best ten Williams' Early Red, A. H. Sears..... 3 00
For the second best, Edw. S. Howes..... 2 00
For the third best, no entry..... 1 00

GRATUITIES.—

For Yellow Bellflower, Jno. Broadbent..... 2 00
For Jersey Pippin, A. H. Sears..... 2 00
For Fall Harvey, Jno. Pierce, of W. Boylston..... 2 00
For collection, Isaac Mills..... 2 00

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## REPORT ON GRAPES, PEACHES, &c.

Committee.—William H. Earle, *Chairman;* Thomas M. Lamb, W. W. Cook, Horatio Phelps, Thomas A. Dawson, Frank J. Kinney, Charles Goodwin, of *Worcester;* Paul Whitin, George Cruickshanks, of *Whitinsville;* F. M. Marble, of *Grafton;* and Joseph C. Lovell, of *West Boylston.*

### GRAPES.

Under Glass.—For the best two clusters of Black Hamburg, W. T. Merrifield.....$ 5 00
For the second best, S. Salisbury..... 3 00
For the third best, P. L. Moen..... 1 00
For the best two clusters of any other named Black Grape, W. T. Merrifield — Victoria..... 3 00
For the second best, P. L. Moen — Wilmot..... 2 00
For the best two clusters of White Muscat, S. Salisbury — Royal Muscadine..... 3 00
For the second best, P. L. Moen — Cannon Hall Muscat..... 2 00
For the best two clusters of White Frontignan, no award..... 3 00
For the second best, P. L. Moen..... 2 00

For the best two clusters of any other named White, P. L. Moen, White Nice ..... $ 3 00
For the second best, W. T. Merrifield, Syrian ..... 2 00
For the third best, P. L. Moen ..... 1 00
For the best two clusters of Grizzly Frontignan, P. L. Moen ..... 3 00
For the second best, W. T. Merrifield ..... 2 00
OPEN AIR.—For the best four clusters of Concord, F. J. Kinney .. 3 00
For the best four clusters of Delaware, Curtis Jenkins ..... 3 00
For the best four clusters of Diana, no award ..... 3 00
For the best four clusters of Hartford Prolific, F. J. Kinney ..... 3 00
For the best four clusters of Iona, no entry ..... 3 00
For the best four clusters of Rogers No. 3, (Massasoit) no entry .. 3 00
For the best four clusters of Rogers No. 9, (Lindley), Horatio Phelps ..... 3 00
For the best four clusters of Rogers No. 15, (Agawam), Wm. H. Earle — best ripened ..... 3 00
For the best four clusters of Rogers No. 19, (Merrimac), F. J. Kinney ..... 3 00
For the best four clusters of Salem, Wm. H. Earle ..... 3 00
For the best four clusters of Worden, Chas. Nash ..... 3 00

PEACHES.

For the best collection of six varieties, not less than ten specimens each, no entry ..... 8 00
For the second best, no entry ..... 5 00
For the third best, no entry ..... 2 00
Newell Wood had six plates but had two the same.
For the best three varieties of twelve specimens each, Newell Wood, of Millbury ..... 5 00
For the second best, Jos. C. Lovell, of W. Boylston ..... 3 00
For the best one variety of twelve specimens, Fred Hancock—Late Crawford ..... 3 00
For the second best, A. J. Eaton — Late Crawford ..... 2 00
For the third best, Geo. Barber — Susquehanna ..... 1 00

GRATUITIES.—

A. J. Eaton, 2 extra plates ..... 1 00
J. C. Lovell, Seedling ..... 1 00
S. S. Foster, Seedling ..... 1 00
F. J. Kinney, Seedling ..... 1 00

PLUMS.

For the best collection of not less than four named varieties, no entry ..... $ 5 00
For the second best, no entry ..... 3 00
For the best three varieties, no entry ..... 3 00
For the second best, no entry ..... 2 00
For the best single plate, Wm. H. Earle ..... 3 00
For the second best, S. S. Foster ..... 1 00

QUINCES.

For the best collection of not less than three varieties, no entry ... 5 00
For the second best, no entry ..... 3 00
For the best twelve Orange Quinces, C. T. Foster, Holden ..... 3 00
For the second best, Mrs. Harvey Sturtevant ..... 2 00
For the best twelve of any other variety, no entry ..... 2 00
For the second best, no entry ..... 1 00

GRATUITIES.—

George W. Rogers ..... 1 00
Newell Wood ..... 1 00
S. S. Foster ..... 1 00

CRAB APPLES

For the best display, F. J. Kinney ..... 3 00
For the second best, Willie B. Schofield ..... 2 00
For the best dish of twenty-four specimens of any named variety, John C. Whitin, of Whitinsville ..... 2 00
For the second best, F. J. Kinney ..... 1 00

WM. H. EARLE,
For the Committee.

## REPORT ON PLANTS, FLOWERS, &c.

COMMITTEE.—Samuel Flagg, *Chairman ;* George E Francis, James L. Burbank, Patrick W. Driscoll, Clarendon Harris, David S. Messinger, Henry Woodward, Lyman J. Taft, and Henry L. Shumway, of *Worcester ;* and John F. Johnson, of *Leominster.*

Although the Annual Exhibition for the year 1875 was held some three weeks later than the year previous, still the display was very creditable and satisfactory. The early frosts of October had done less than the lateness of the season to bring the display up to the usual standard. Of cut flowers, the contributions were limited, but under existing circumstances, abundant and well selected. The contributions of plants by Amateurs were unusually large, while those from our professional gardeners were not only large but superior to previous exhibitions. In the department of rare and new, a manifest improvement was shown. Of Floral Designs, a better display in taste and variety was never exhibited in our Halls. This may have been the more noticeable from the scarcity of cut flowers, which last, however, evinced the usual zeal of the contributors in keeping the stands well supplied with fresh cuttings. This should be noted as no small part of the labor attending an exhibition of a week's duration. The Trustees, I am happy to report, have decided to continue all future exhibitions but two days.

The display of flower stands and brackets, for parlor use, was very fine. These were the contribution of Mr. Bradford I. Peabody.

We had also on exhibition a recent invention of Mr. Wm. F. Wheeler, of Dorchester, for destroying insects, mildew, etc., from plants, shrubs, and trees. This consists of a brass globe which can be easily attached to any common hose. It has been satisfactorily tested by our Florists, and thus far surpasses all inventions for the like purpose. The method of using the distributor, as given by Mr. Wheeler, is as follows : Make a

cotton ball, tied into shape by string to prevent the ragged ends from being sucked into the outlet of the machine by the force of the water passing into it ; saturate this ball with kerosene and place within the globe ; the force of the water overcomes the antagonism of the kerosene and carries it along until it is all expended. No danger whatever results from this mode. For the most delicate plants it would be expedient to have two or three of the globes screwed together, thereby giving a double quantity, or two or more compounds at a time ; for most purposes one is sufficient. For out-door plants, shrubs and trees, this machine is effectual in destroying all caterpillars, canker worms, currant worms, red spiders, mealy bugs and all insects which infest our greenhouses. It is also peculiarly adapted as a disinfectant in stables, slaughter-houses, water-closets, etc. The watering-pot accompanying the distributor is adapted to window culture and for the use of Amateurs. The application of these compounds should be made daily and at the time that the watering or syringing the plants is done. The foliage of the plants is thereby made healthy and natural, while the use of fumigators is wholly done away with. Of these compounds the tobacco-soap is the specific for killing the greenaphis and thrips. Sulphur and tobacco-soap and kerosene in alternation destroys the mealy bug and red spider. Guano to supply the water with ammonia rendering it soft and stimulating to the plants. All these compounds should be used as the case indicates, and when the pest is removed their use should be persevered in as a preventive.

Descriptions and use of this machine may be obtained by addressing Wm. F. Wheeler, Columbia street, Dorchester, Mass.

As the Annual Exhibition of 1876 is to be held with a view of our Society being represented at the U. S. Centennial Exhibition at Philadelphia. I trust our many contributors will keep this in mind. Although the department of plants and flowers hardly bears an even chance with the fruits and vegetables, still something may be done worthy of our position as Horticulturists and Florists. If our gardens and hot-houses cannot be represented, why not bring the productions from our fields and forests to bear a share. A nicely arranged volume of wild flowers, grasses and ferns from the tasty hands of many of our younger members would speak well for our Society, to say nothing of the credit due the contributor.

The following premiums and gratuities were awarded by your Committee :—

ASTERS.—
For the best display, Mrs. Geo. Estabrooks.....$ 4 00
For the fourth best, Mrs. M. E. Woodward ..... 1 00

BASKET.—(Hanging.)—
For the best, Mr. Stephen Salisbury..... 3 00
For the second best, Mrs. T. L. Nelson..... 2 00
For the third best, Mrs. David Scott..... 1 00

BOUQUETS.—(Hand.)—
For the best pair, Mr. Stephen Salisbury..... 3 00

DESIGN.—(Floral.)—
For the best, Miss E. H. Ward, Shrewsbury.....$ 6 00
For the second best, Mrs. T. L. Nelson..... 4 00

FLOWERS.—(Cut.)—
For the best stand, Mrs. David Scott..... 3 00
For the second best, Mrs. Charles E. Brooks..... ... 2 00
For the best arranged basket, Mrs. T. L. Nelson..... 3 00
For the second best, Mrs. Charles E. Brooks..... ... 2 00

GLADIOLUS.—
For the best collection, Miss Abbie Lovell, W. Boylston..... 5 00
For the best specimen Spike, Miss Abbie Lovell, " .... 1 00
For the best Seedling, Miss Abbie Lovell, " .... 1 00

PANSIES.—
For the best display, Mr. Charles A. Keyes..... 3 00
For the second best, Mrs. George H. Estabrook..... 2 00
For the third best, Mrs. Shaff, of Leicester... ..... 1 00

PINKS.—(China.—
For the best display, Mrs. Shaff, Leicester..... 3 00
For the second best, Mr. Stephen Salisbury..... 1 00

PETUNIAS.—
For the best display, Miss E. P. Bangs..... 3 00
For the second best, Mrs. S. E. Fisher..... 2 00

VERBENAS.—
For the best display, Mr. Charles A. Keyes..... ... 3 00
For the best Seedling, Mrs. Charles E. Brooks..... 2 00

PLANTS WITH ORNAMENTAL FOLIAGE.—
For the best twelve, Mr. Stephen Salisbury..... 20 00
For the second best, Mr. William T. Merrifield..... 12 00
For the best six, Mr. William T. Merrifield..... ..... 10 00
For the second best, Mr. Stephen Salisbury..... 5 00

PLANTS IN BLOOM.—

For the second best four, Mr. Stephen Salisbury..... 5 00

RARE AND NEW PLANTS.—

For the best collection, Mr. William T. Merrifield ..... 10 00

FERNS AND LYCOPODS.

For the best collection, Mr. Stephen Salisbury... .....$10 00

For the second best, Mr. William T. Merrifield..... 5 00

PLANTS FROM AMATEURS.—

For the best twelve, Mrs. David Scott..... 6 00

For the second best, Mrs. T. L. Nelson..... ..... 4 00

FERNERY.—

For the second best, Mrs. David Scott..... 4 00

For the third best, Mrs. T. L. Nelson..... 2 00

GRATUITIES.—

For dish of Cut Flowers, Mrs. Mowry, Shrewsbury..... 1 00

For dish of Wild Flowers and Berries, Mrs. Shaff, Leicester.... 2 00

For dish of Drummond's Phlox, Mrs. S. F. Bennett, Holden, 1 00

For basket of Dried Leaves and Ferns, Mrs. S. E. Fisher..... 1 00

For basket of Wild Berries, Mr. Walter F. Brooks..... 1 00

For basket of English Daisies, Mr. F. J. Kinney..... 1 00

For basket Green-house Flowers, Mrs. A. D. Wood, West Newton..... 3 00

For Floral Design, Mrs. T. L. Nelson..... 2 00

For " " of Asters and Verbenas, Mr. Chas. A. Keyes, 1 00

For Star of Cut Flowers, Mrs. C. E. Parker, Holden..... 3 00

For Stand and Bird of Immortelles, Mr. Stephen Salisbury... 3 00

For design for Flower Garden, Mr. Wm. T. Merrifield..... 3 00

For dish and vase of Cut Flowers, Mrs. David Scott..... ..... 2 00

For Bouquets of Wild Flowers, Mrs. Shaff, Leicester. ..... 1 00

For Bouquets of Berries and Autumn Leaves, Mrs. M. E. Woodward..... 2 00

For stand of Immortelles, Mrs. Shaff, Leicester..... 1 00

For collection of Cockscombs, Mr. J. Fawcett..... ... 1 00

For collection of rare and new Plants, Mr. James Comley, of Lexington..... ..... 15 00

For collection of Green-house Plants, Mr. W. W. Cook..... 10 00

For collection of Caladiums, Mr. J. C. Whitin, Whitinsville... 5 00

Respectfully submitted,

SAMUEL FLAGG, *Chairman.*

# REPORT ON PEARS.

COMMITTEE.—Henry L. Parker, *Chairman;* Henry Phelps, John C. Newton, James Draper, Alfred Davis, S. Harrison Knox, of *Worcester;* Newell Wood, of *Millbury;* and William H. Johnson, of *Northborough.*

At the Annual Exhibition the present year, premiums for collections were for the first time dispensed with, the award for the best single plates being proportionately increased. The result has fully justified the experiment. No better exhibition of single plates has ever been held by the Society.

Among the plates which deserve especial mention were the Beurre Diel of the State Lunatic Hospital, and several plates of the Bartlett and Flemish Beauty, although the two latter varieties are not included in the list for which premiums were offered, the committee on premiums supposing that these varieties would be far past their prime at so late a date as the day fixed for the Annual Exhibition.

For the Secretary's premium of $20 for the best fifteen varieties of new pears, there was but one competitor. As a collection of fine specimens of fine pears the display was unexceptionable; but the fact that several of the varieties were of from twenty to twenty-five years standing — the Catherine Lambré being dated by Leroy in 1850, and the Willermoz in 1848 — and that one variety, the Gen. Todleben, had been cultivated and exhibited many years previously by a member of the Society, rendered it so far questionable whether the collection came within the terms of the Secretary's offer, that the Committee did not feel justified in giving the exhibitor the benefit of the doubt.

If this liberal offer is to remain good for the coming year, we would suggest that the term "new pears" be so qualified, limited, or defined that the same quandary in making the award shall not again arise.

The blight has been unusually prevalent the past year. The origin and nature of this disease which has become the bane and terror of all fruit-growers is still involved in much obscurity; but the results of the observations of the microscopist seem to establish the theory that it is a fungus.

Prof. Taylor, of Washington, D. C., pronounces it "a local fungus fermentation of the genus torula — and which may be developed under any one of a number of causes. Every condition which will prevent the bark or shoots from ripening will foster under high temperatures in the presence of organic acid (which is always present in green or unripe wood), and vegetable nitrogeneous matter one or more species of Torulacic fungi. Stagnant water in the ground containing the drainings of decomposing organic matter is always charged with Torulacic breeding spores and germinal matter which, if absorbed by the roots, will certainly contaminate the sap of the tree. When small branches are attacked it may prove best to remove them, but the main branches and trunk may be saved by prompt action.

The stained bark should be removed as soon as observed and before the stain has girdled the branch or trunk, as may be. If not removed, the sapwood will be poisoned. In the case of atmospheric blight, that is when the fermentation is produced from the immediate action of high temperatures on the outer bark, favored by previous conditions, the fermentation will proceed from the surface to the interior, but in the case of root absorption the fermentation will proceed from the sapwood to the exterior. The removal of the tree to a more favorable place, or drainage will probably save the affected tree in the case of root absorption."

Barry, in his work on Fruit Gardening, says: "Blight has never been known to originate on the dry, sandy loam of Long Island, not even with heavy manuring, the drought of mid-summer always ripening the shoots so completely that the leaves drop off long before frost commences."

As early as 1867, Mr Thomas Meehan presented the theory that the fire blight was the work of an extremely active parasitic fungus.

President Hoopes, in 1870, in his address to the fruit growers of Pennsylvania, demonstrated from the observations of the microscope that the disease is of fungoid origin.

This theory is also confirmed by Dr. J. Gibbons Hunt, Chairman of the Microscopical Section of the Philadelphia Academy of Natural Sciences, in a letter to the editor of the Gardener's Monthly, dated June 21st, 1875.

What are the predisposing causes of this fungus growth, and what are

the best methods of dealing with the disease, repeated observations and experiments only can fully determine.

If the theory advanced be correct, it is to be presumed that the application of stimulating manures late in the season, or in such a manner as to cause a succulent growth which the early frosts should not find fully hardened and mature, would render the tree susceptible to the disease. And on the same basis whatever will arrest fungus growth of any kind, may be recommended as preventives. As for example, any of the mineral acids — hot lye, a recipe for the yellows in peaches, also supposed to be a species of fungus growth — or even a strong solution of common salt.

The Committee respectfully submit the following awards :

CLASS 1.—

| | |
|---|---|
| For the best twelve Beurre Bosc, Stephen Salisbury | $ 5 00 |
| For the second best, Wm. H. Earle | 3 00 |
| For the third best, Willie B. Schofield | 1 00 |
| For the best twelve Beurre Clairgeau, S. J. Brimhall | 2 00 |
| For the best twelve Beurre d'Anjou. Henry Phelps | 5 00 |
| For the second best, Alfred Davis | 3 00 |
| For the third best, Daniel Kinsley | 1 00 |
| For the best twelve Beurre Diel, Lunatic Hospital | 3 00 |
| For the second best, Geo. W. Rogers | 1 00 |
| For the best twelve Beurre Hardy, A. J. Warfield | 2 00 |
| For the second best, V. P. Townsend | 1 00 |
| For the best twelve Beurre Langelier, Dr. Wm. Workman | 3 00 |
| For the second best, Fred G. Stiles | 1 00 |
| For the best twelve Beurre Superfin, Moses Church | 3 00 |
| For the second best, John C. Whitin, of Whitinsville | 2 00 |
| For the third best, James F. Allen | 1 00 |
| For the best twelve Dix, O. B. Hadwen | 2 00 |
| For the best twelve Doyenné du Comice, Stephen S. Foster | 5 00 |
| For the second best, V. P. Townsend | 3 00 |
| For the third best, Edward W. Lincoln | 1 00 |
| For the best twelve Duchesse d'Angoulême, Alfred Davis | 5 00 |
| For the second best, Geo. W. Rogers | 3 00 |
| For the third best, S. J. Brimhall | 1 00 |
| For the best twelve Durandeau, no award | 3 00 |
| For the second best, no award | 1 00 |
| For the best twelve Glou Morceau, no entry | 5 00 |
| For the second best, no entry | 3 00 |
| For the third best, no entry | 1 00 |

For the twelve best Howell, Isaac Mills..... .....$ 2 00
For the second best, no award..... ..... 1 00
For the best twelve Josephine de Malines, Edward W. Lincoln 3 00
For the second best, no entry..... 2 00
For the best twelve Lawrence, T. K. Earle..... 5 00
For the second best, S. J. Brimhall..... 3 00
For the third best, Alfred Davis..... 1 00
For the best twelve Louise Bonne de Jersey, Mrs. George A. Chamberlain..... 5 00
For the second best, S. S. Foster..... 3 00
For the third best, Alfred Davis..... ..... 1 00
For the best twelve Marie Louise, V. P. Townsend..... 3 00
For the second best, Newell Wood, of Millbury..... 2 00
For the best twelve Mt. Vernon, Jos. C. Lovell, W. Boylston 2 00
For the best twelve Onondaga, Wm. H. Earle..... 2 00
For the second best, S. J. Brimhall..... 1 00
For the best twelve Paradis d'Automne, Wm. E. Desper..... 3 00
For the second best, V. P. Townsend ..... 1 00
For the best twelve Seckel, John C. Whitin, of Whitinsville.. 5 00
For the second best, V. P. Townsend..... 3 00
For the third best, E. W. Lincoln..... 1 00
For the best twelve Sheldon, S. A. Arnold..... 3 00
For the second best, W. G. Maynard... ..... 2 00
For the third best, George Gardner..... 1 00
For the best twelve St. Ghislain, R. W. Merriam..... 3 00
For the second best, Mrs. Geo. A. Chamberlain..... 1 00
For the best twelve St. Michel, John C. Newton..... 3 00
For the second best, Stephen S. Foster..... 1 00
For the best twelve St. Michel Archange, John C. Newton... 2 00
For the second best, George M. Pierce..... 1 00
For the best twelve Urbaniste, D. S. Goddard..... 3 00
For the second best, F. H. Dewey..... 2 00
For the best twelve Vicar of Winkfield, P. L. Moen..... 3 00
For the second best, V. P. Townsend..... 2 00
For the best twelve Washington, Edward W. Lincoln..... 3 00
For the second best, no entry..... 1 00
For the best twelve Winter Nelis, James F. Allen..... 5 00
For the second best, Mrs. Geo. A. Chamberlain..... 3 00
For the third best, Alfred Davis..... 1 00

CLASS 2. (New Pears.)

| | |
|---|---|
| For the best twelve Beurre de l'Assomption, E. W. Lincoln | $ 3 00 |
| For the second best, no entry | 1 00 |
| For the best twelve Souvenir du Congres, no entry | 3 00 |
| For the second best, no entry | 1 00 |
| For the best twelve Brockworth Park, no entry | 2 00 |
| For the best twelve Duchesse de Bordeaux, no entry | 2 00 |
| For the best twelve Dr. Reeder, no entry | 2 00 |
| For the best twelve Helene Gregoire, no entry | 2 00 |
| For the best twelve Huyshe's Prince Consort, no entry | 2 00 |
| For the best twelve Rutter, no entry | 2 00 |
| For the best twelve Emile d' Heyst, no entry | 2 00 |
| For the best twelve St. Crispin, no entry | 2 00 |
| For the best twelve Doyenne Hovey, no entry | 2 00 |
| For the best twelve Souvenir d' Esperen, no entry | 2 00 |
| For the best twelve Gen. Todleben, no entry | 2 00 |
| For the best twelve Duc de Bordeaux, no entry | 2 00 |

GRATUITIES.—

| | |
|---|---|
| William H. Earle, for Plate of Fruit | 1 00 |
| Newell Wood, of Millbury, for Doyenné Boussoc | 1 00 |

# REPORT ON VEGETABLES.

COMMITTEE.—Alexander Marsh, *Chairman;* Thomas R. Norcross, J D. Lovell, O. L. Hatch, Rufus Carter, Daniel Bemis, Charles Belcher, and William H. Hackett, of *Worcester.*

The Committee on Vegetables have attended to their duty, and beg leave to report: The Trustees have made great alterations in their requirements in regard to the number of each article, and of the number of articles, there being no premiums offered for the largest collections. This is much to the satisfaction of the Committee. It is to be regretted that those bringing their vegetables should not fetch them in season to have them classed as well as their apples and pears; and it is unfortunate that the Society does not take some means to have a better display on the tables, by enforcing a system that will place each article which is to come in competition for premiums, side by side, so that the Committee shall not overlook specimens, as under the present arrangement. The Exhibition opened September 28th, the week following the Agricultural Fair. It may be a question yet to be settled when it will be for the best interest of the Society to hold their Annual Fair, but we will leave it to wiser heads to determine. Your Committee are fully aware that in the short time allotted to them it is impossible to do justice to all, but as they went at their work determined to have no preferences, they were very harmonious in their awards, whether right or wrong. The specimens were generally very good, and we are happy to say quite as good as we had reason to expect.

ALEXANDER MARSH,
Chairman of the Committee.

BEANS.—

For the best four varieties, State Lunatic Hospital..... $ 1 00

BEETS.—

For the best six Long Blood, P. L. Moen..... 2 00
For the best six Early Bassano, P. L. Moen..... 2 00
For the best six Egyptian, F. J. Kinney..... 2 00
For the best six Sugar, Sylvanus Sears..... 2 00
For the best six Turnip, Thomas A. Dawson..... 2 00

CABBAGES.—

For the best two Large Flat Brunswick, Sylvanus Sears..... 3 00
For the best single specimen, Sylvanus Sears..... 2 00
For the best two Drumhead, Simon E. Fisher..... 3 00
For the best single specimen Drumhead, weight not less than 30 lbs., no entry..... 1 00
For the best two Drumhead Savoy, Joseph Pratt..... 3 00
For the best single specimen, Sylvanus Sears..... 2 00
For the best two Early Sweinfurth, Simon E. Fisher..... 3 00
For the best single specimen, Simon E. Fisher..... 2 00
For the best two Red, State Lunatic Hospital..... 2 00
For the best single specimen, no entry..... 1 00
For the best two Savoy, Sylvanus Sears..... 3 00
For the best single specimen, no entry..... 2 00

CARROTS.—

For the best six Early Horn or Short Scarlet, Thos. A. Dawson, 2 00
For the best six Long Orange, Ashley Moore..... 2 00
For the best six Red, no entry..... 2 00
For the best six White, no entry..... 2 00

CAULIFLOWERS.—

For the best three specimens, no entry..... 3 00
For the best single specimen, no entry..... 1 00

CELERY.—

For the best six roots, F. J. Kinney..... 4 00
For the second best, John C. Whitin, of Whitinsville.... 2 00

CORN.—

For the best collection of Sweet, not less than five named varieties, Alden H. Sears..... 5 00
For the second best, Frank J. Kinney..... 3 00

For the best six ears of Sweet, Samuel Putnam..... $ 2 00
For the second best, Sylvanus Sears..... 1 00
For the best Yellow or Field, of twenty ears traced, F. J. Kinney, 2 00
For the second best, O. B. Hadwen..... 1 00

CRANBERRIES.—

For the best peck, no entry..... 1 00

CUCUMBERS.

For the best half peck for pickling, no entry..... 2 00

EGG PLANT.—

For the best three specimens, State Lunatic Hospital..... 1 00

HORSE RADISH.—

For the best six roots, no entry..... 1 00

MELONS.—

For the best two Water, Eben Jewett..... 3 00
For the second best, Joseph Pratt..... 1 00
For the best Green Flesh, three specimens, no entry..... 2 00
For the best Yellow Flesh, three specimens, no entry..... 2 00

ONIONS.—

For the best four varieties, a half peck of each, Thomas A. Dawson..... 3 00
For the second best, no entry..... 2 00
For the best half peck of Red, State Lunatic Hospital..... 1 00
For the best half peck of Silver Skin, Samuel Putnam..... 1 00
For the best half peck of White Portugal, no entry..... 2 00
For the best half peck of Yellow Danvers, Samuel Putnam... 2 00

PARSNEPS.—

For the best six Guernsey, Ashley Moore..... 2 00
For the best six Hollow Crown, State Lunatic Hospital..... 2 00
For the best six Student, Sylvanus Sears..... 2 00
For the best six Short, no entry..... 2 00

POTATOES.—

For the best five named varieties, half a peck of each, V. P. Townsend..... 12 00
For the second best, F. J. Kinney..... 8 00
For the third best, Sylvanus Sears..... 4 00
For Lady Fingers, A. H. Sears, gratuity of..... 1 00

PUMPKINS.—

For the best three, weight not less than 20 lbs. each, Stephen Salisbury..... $ 2 00
For the second best, John Farwell..... 1 00

PEPPERS.—

For the best half peck, State Lunatic Hospital..... 1 00

SALSIFY.—

For the best six specimens, John C. Whitin, of Whitinsville. 1 00

SQUASHES.—

For the best three pure Crookneck, Henry L. Parker..... 2 00
For the best three pure Canada Crookneck, Sylvanus Sears... 2 00
For the best three pure Hubbard, Joab Hapgood, Shrewsbury, 2 00
For the best three pure Mammoth, P. L. Moen..... 2 00
For the best three pure Marblehead, Sylvanus Sears..... 2 00
For the best three pure Marrow, Alden Sears..... 2 00
For the best three pure Turban, N. H. Foster..... 2 00
For the best three pure Yokohama, Simon E. Fisher..... 2 00
Gratuity to Mrs. Sarah F. Bennett, for Spanish.. ..... 1 00

TOMATOES.—

For the best Boston Market, Thomas A. Dawson..... 2 00
For the best twelve Lester, State Lunatic Hospital..... 2 00
For the best twelve Tilden, Sylvanus Sears..... 2 00
For the best twelve Trophy, John C. Whitin, of Whitinsville. 2 00
For the best twelve of any other named variety, A. H. Bennett, Holden..... 2 00
Gratuity to W. H. Spooner, for Green Gage..... 1 00

TURNIPS.—

For the best six English or Flat, white or yellow, Alden Sears, 2 00
For the best six White Swedes, F. J. Kinney..... 2 00
For the best twelve Yellow Swedes, Sylvanus Sears..... 2 00

# REPORT OF THE LIBRARIAN.

*To the Members of the Worcester County Horticultural Society :*

The Librarian does not propose to make an extended report on the comparative merits of the different volumes, purchased by the Library Committee, or the real value to the Society of the several Magazines which have been furnished for your perusal. He will therefore simply give you a plain statement as to the condition of the Library. One work of great value has been placed upon the shelves the past year which, in his opinion, requires special mention. I refer to Curtis' Botanical Magazine in 30 vols , 8vo., containing 2,007 colored plates. I saw it upon the shelves of the Massachusetts Society in Boston, and learned from the Librarian and other prominent gentlemen of the Society that they prized it highly.

It is believed the library has been used more the past year than in some preceding years ; the number of books taken from the library being about 300, while many have made use of the library at the room.

During the year the Society has been presented with a very handsome black walnut book-case, by our Secretary, Edward W. Lincoln, Esq., who has, ever since my connection with the Society, manifested a deep interest in its prosperity.

Annexed will be found the additions to the library since the last report of the Librarian.

Garden, The; Edinburg and London. 2 vols., 1874–5—8vo. Society.

Floral World, The; London. Vol. 8. Society.

American Naturalist, The; 1873. Vol. 7. Society.

Gardeners' Chronicle, The; 1874–5. London. 2 vols. Folio. Society.

American Agriculturist, The; Vol. 33 and 34; 1874–5. 2 vols. Folio. Society.

Horticulturist, The; Vol. 29 and 30; 1874–5. 2 vols. 4to. Society.

Floral Cabinet, The Ladies; Vol. 2 and 3. Society.

Country Gentleman, The; Vol. 39 and 40; 1874–5. Society.

Agricultural Gazette, The; 2 vols.; 1874–5. London. Folio. Society.

Gardeners' Monthly, the; 2 vols.; 16 and 17; 8vo. Society.

Villa Gardener, The; 2 vols.; 1874–5; 8vo. London. Society.

Vick' sFloral Guide; 1874; 4to. Society.

Flore des Serres, Ghent, Belgium, Vol 19; 8vo. Illustrated.

Natural History of Plants; London; vol. 1 to 3 inclusive; 8vo. Illustrated. Society.

Rustic Adornments; London, 4to.; col. plates. Society.

A Leroy-Dictionnaire De Pomologie, Les Pommes; Paris. 2 vols., 8vo. Society.

Alpine Plants, second series. London; 8vo. Illustrated. Society.

Transactions of Massachusetts Horticultural Society; 1874–5. Pamphlet 8vo.; by E. W. Buswell, Sec.

N. H. Agriculture, Annual Reports 1871–2–3–4; 4 vols., octavo; by James V. Adams, Sec.

Report of Commissioner of Education, 1873; octavo; by John Eaton, Com.

Transactions of N. Y. State Agricultural Society, 1866 to 1871; 6 vols., by O. B. Hadwen.

Agriculture of Massachusetts, 1868 to 1874; 7 vols., by O. B. Hadwen.

Catalogue of Library of Massachusetts Horticultural Society, by E. W. Buswell, Sec.

Circulars of Information of the U. S. Bureau of Education, 1873 and 1874: bound in cloth; 1875, Nos. 1, 2, 3, 4 and 5, Pamphlets; bound in paper; by John Eaton, Com.

Curtis' Botanical Magazine, 3d series; 30 vols., 8vo.; 2,007 col. plates. Society.

It is proper for the Librarian to state that Curtis' Botanical Magazine is not wholly paid for. The whole cost of the entire work is $300.00, of which $114.00 has been paid. Dr. Francis, of the Library Committee, will explain to you more fully as to the purchase of the work.

The Librarian is happy to be able to state that only eight books are now out, from all that have been issued from the library for the past year, and those are in the hands of members, from whom they will be forthcoming when called for.

All which is respectfully submitted.

JOHN C. NEWTON,
Librarian.

Hall of Flora, Nov. 3d, 1875.

# ANNUAL REPORT

OF THE

## Secretary of the Worcester County Horticultural Society.

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*To the Members of the Worcester County Horticultural Society :*

The Vernal Exhibition, holden on the 18th day of March, ultimo, besides being quite attractive in display, was also unusually well attended. The extreme severity of the weather prevented contributions that could not be offered without too great risk of exposure, and occasioned the loss of others which had been forwarded in undue expectation of a milder temperature.

No plants of *Azalea Indica* were exhibited, and some which were kept away because of the biting cold, would not have fulfilled the purpose held in view when a special prize was offered.

Neither were there any Hyacinths, although the omission is scarcely excusable, since the cultivation of them is so simple and their period of bloom so easily hastened or retarded.

But the very fine display of *Primula Sinensis*, by Mr. W. W. Cook, and of *Cyclamen Persicum*, by Hon. John C. Whitin, amply supplied all deficiencies. Our indebtedness is especially due to the latter gentleman, whose frequent choice contributions so often prove a chief attraction of our Exhibition; and as well to his skillful gardener, George Cruickshanks, for the zealous concern that has ensured his presence, upon many occasions, at no slight personal inconvenience.

This Vernal Exhibition, like the opening one of Roses and Strawberries, in early Summer, was witnessed by more people than ever attended similar displays since the foundation of the Society But it is to be regretted that tardiness — that besetting vice of the age — should have withheld so many, until too late, from a display which must have afforded them extreme satisfaction. It ought to be considered that contributors, from a distance, cannot await the convenience of visitors; but, having presented their specimens within the prescribed hours, cannot be blamed if they avail themselves of their sole means of returning home seasonably. At the same time it will not be denied that there are contributors (luckily few), who are so unreasonable as to think the Rules of the Society inapplicable to themselves; and who, therefore, upon too many occasions, subject the officers of the Society to inconvenience, and themselves to disappointment and loss.

The season of early Flower and Fruit was unpropitious. Backward and cold, with chilling rains and lingering snow-banks, even the Crocus hesitated to peep, and the bud of the Strawberry shrank from the harsh exposure. Therefore it chanced that our published Schedule could not be realized; and that changes, as in years past, were made imperative by absolute necessity. Upon personal consultation with every member of the committee, appointed and empowered by the Trustees to establish Premiums and determine the date of Exhibitions, it was concluded with entire unanimity that a postponement of the Strawberry Exhibition, for at least one week, would conduce to the best welfare of the Society. Of course the private interests of an individual, here and there, might suffer trivial injury; but the system of monetary premiums was not adopted to

"put money in thy purse."

Rather,— to render meet and proper award to him of whom a dead, nevertheless immortal, language, declares

"*Palmam qui meruit, ferat.*"

The insinuations of individual greed, ejected upon officers of the Society, which would come with a better grace from houses less vitreous; are indignantly repelled as the exclusive property, because solely characteristic of their source. "By their fruits ye shall know them." The only officers of this Society to whom Premiums were awarded left them, as is their wont, in the Treasury. The example is not patented, but was left free, with malice aforethought, for imitation by their disinterested censors.

Time, however, upon which they relied, *pede pulsanti*, justified your Committee, vindicating their action. Never before was such a display of

Strawberries seen upon the tables of the Society. For high color ;—for various and choice shades of flavor, when tested; and least and last, for size; the exhibition of this delicious fruit, in 1875, will be memorable upon our records as wholly unparalleled. Remembering the restricted fields within which our Fragarians are cramped; that their market is limited and, over and beyond all, penurious; and that Amateurs are more and more tempted to abandon a toil, at best without appreciation; the only source of wonder is, that any seedling should be exhibited, or that varieties of promise should be introduced and patiently developed to degrees of greater or less excellence. What might be accomplished by a change of system; by fostering experiment and rewarding effort or achievement, can only be inferred from observation of the result in other departments: notably the Apple and Pear, which would almost seem able to take care of themselves without further stimulus to home industry. A liberal prospective premium for a seedling Strawberry, Raspberry, Blackberry, &c., &c., cast upon the waters in good faith, might be borne back after many days. A Seedling! with seed sown,— germ watched,— development criticised, impregnation guarded and cross-fertilization prevented, or left to the exclusive use and behoof of the Democratic politicians:—why should not a Society like this, which can count in its necrology, WILLIAM LINCOLN and GEORGE JAQUES; COLTON, and him whose almost speaking likeness adorns our walls,—*facile princeps;*—originate as well as naturalize! Sports are well enough. The origin of the Seckel Pear is not defined with precision, although the parent tree, as far as is known, grows in sufficient proximity to entitle it to share in the Centennial of our Republic. Yet Pomology should be an exact, if also a tentative science; its Fruits illustrating selection rather than survival.

The cultivation of the Raspberry is steadily, if slowly, diminishing. Why ? — is not so easy to determine. The berry is attractive in appearance, and of luscious flavor. The only objection to it seems to be based upon the necessity of affording protection to the canes throughout the winter season. But the Strawberry cannot be left uncovered in assured reliance upon a mantle of snow. The grape-vine, that may put forth fresh and vigorous shoots in Spring, if simply extended upon the ground will be killed to the root when exposed, upon a trellis, to cutting winds and biting frost. The Raspberry yields profusely for weeks in succession. The berries can be picked by a person standing upright, which, in itself, is no slight recommendation to those of us who have stooped, for hours, in the blazing sun of July, over a Strawberry-bed. These Reports have never once omitted to urge upon the Pomologists of Worcester County

an assiduous, liberal, and persistent culture of the Raspberry. Their author has striven,— with what success you have been enabled to judge for yourselves,— to enforce precept by example. His suggestions upon this or other Horticultural matters, are made without reference to what, in current phrase, may "suit the market." He leaves it for the supple demagogue to "crook the pregnant hinges of the knee that thrift may follow fawning." Those who like can adapt their wares to their customers: supplying shoddy when wanted; furnishing the Wilson Strawberry to those who know nothing better; or, when "they ask for bread, giving a stone." But the Worcester County Horticultural Society, by accepting its charter, engaged to "advance the science and encourage and improve the practice of Horticulture." It fails to do so when it recommends the cultivation of a species of fruit merely because *it will sell!* When we cease to advise, everywhere and at all times, the cultivation of the best— because it is the best — our mission is ended; our charter should be relinquished ; we should cease cumbering the ground. The members of the Society are once more urged to set out stools of the *Rubus Idaeus ;* among the finer varieties of which your Secretary, from personal experience, would recommend the Franconia (if it can be obtained pure, as it has *not* been exhibited for years upon our tables), the Northumberland Fillbasket and Brinckle's Orange. Let the "market" glut itself with Thimbleberries, if it knows no better and will not be taught.

A gratifying feature of our Summer Exhibition — the unprecedented display of Currants — was noteworthy, as showing that line upon line and precept upon precept are not always wasted. Depressed and dismayed by the swift and destructive invasion of the *Abraxis grossulariata;* with their bushes almost exterminated before they had learned how to apply a remedy, or knew of one to apply, Pomologists had given up the hope of ever again enjoying this most certain, prolific, and beautiful of all Summer fruits. But renewed hope came with the knowledge that White Hellebore is fatal to this insect-pest. So that, within the last few years, the Currant has been rapidly resuming its proper position in our gardens and upon the tables of the Society. Not only in quality, but in the number of varieties shown by different contributors, did the Exhibition of 1875 merit attention. Still, while the true Pomologist will ever be ready, and even anxious to "prove all things ;" in "holding fast to that which is good" he cannot go amiss if he sticks to the old Red Dutch or the newer La Versaillaise.

But one or two lots of Blackberries were entered upon the books of the Secretary. To those who have land enough it would appear that the

cultivation of this Bramble, as the English term the Blackberry, might commend itself. To all who have not, and who are destitute of a pair of buckskin breeches, its spines must be decidedly repellant. With rows sufficiently wide apart to permit the use of a cultivator, its growth ought not to be allowed so rank as to obstruct the pickers who are to follow in due time. To what extent the Wachusett merits its appellation of "Thornless," your Secretary is unable to testify from personal observation. Its hearty appreciation, however, by our zealous associate, Mr. Thomas A. Dawson, who proposes to extend his already considerable plantation, strongly encourages the hope that the Wachusett may be the variety so long desired. With regard to quality, nothing better need be sought. And, should it insist upon retaining its spines, it will only place itself in the same unalterable category with the veteran Democrat, who forgetteth not, neither doth he learn; or that "truly loyal" fellow-citizen, of whom it is as true now as of yore, that his hide cannot be bleached.

Commenting upon the International Exhibition at Cologne, in the German Empire, held during the current season and closed but recently, the accomplished Editor of the Gardeners' Chronicle (Eng.), remarks: "Of the practice of buying plants for Exhibition purposes, of which there "were so many obvious cases at Cologne and which, unfortunately, pre-"vails also in this country, we shall have more to say on another occasion. "It is a practice which if it be, as many consider, to some extent inevita-"ble, should be hedged round by restrictions, and should be done openly "and publicly, so that the public may know which exhibitor buys his "spurs and which wins them by his own skill." It is not impossible that a keen suspicion and close scrutiny might find application for this censure near home. But the instances are not numerous and probably innocence of intentional deceit would be pleaded. Yet the wrong is none the less that credit is obtained for skillful culture of Flower or Fruit than it would be were a man, upon the verge of bankruptcy, and in its actual contemplation, to collect every cent upon which he could lay his hands before he actually absconded. Horticulture is a poor pursuit indeed if not scrupulously honorable.

Your co-operation has been solicited by the UNITED STATES CENTENNIAL COMMISSION. What precise shape such co-operation can assume, your Secretary is unable, at present, to state. It has occurred to him, however, that you might in the event of a discontinuance of the ANNUAL AUTUMNAL EXHIBITION, propose premiums for Fruits that have originated within the County; in amount sufficient to compel a production of the very best specimens. Those specimens that gained the premiums

should become the property of the Society, to be exhibited at the proper time in Philadelphia. The County need not be ashamed of its parentage of the Holden Pippin, the Hubbardston Nonesuch; or, as suggested by our President, the Sterling. And, in this presence, may I not add also, among Pears, Earle's Bergamot? Should you conclude to comply with the request of the COMMISSION, it might be well to act in connection with the Massachusetts Horticultural Society. A display by ourselves alone would be meagre, even if space could now be secured: but it would, doubtless, in aid of that venerable Society, help achieve something for the fame and name of our ancient Commonwealth.

The Fifteenth Session of the AMERICAN POMOLOGICAL SOCIETY was held in the early Autumn, at Chicago, Illinois. Delegates were appointed by your Trustees, and some had the good fortune to be present, in the ripe fruits of whose observation you will probably participate. But not all returned that went out of our gates. Departing with an almost exuberant cheerfulness, anticipating personal enjoyment and instruction in measure unalloyed, probably any one of our number would have appeared a more likely victim for the insatiate archer than SAMUEL H. COLTON. The records of our Society will ever bear true witness to his assiduous service. The columns of the *Massachusetts Spy or National Ægis*, for more than a quarter of a century, attest to his interest in Pomology. His Reports, as Chairman of the Committee upon Apples, were carefully elaborated, and, besides being written in the Queen's English, were fraught with the results of a keen and life-long observation. He died, it may be said, in our service. What priceless seedling, not yet produced by our members, of Flower or Fruit, shall be his appropriate and perennial monument!

An unexpected relief from the plague of the Canker Worm was experienced during the last season. Of course there were orchards that appeared to be maintained for the sole purpose of perpetuating these insects. But such evils will doubtless be chronic so long as a heedless and sceptical generation refuses the wisdom of your Secretary, rejecting his advice to abate the nuisance by the application of State Constables. The Tent Caterpillar, however, more than supplied any deficiency in numbers of the Canker Worm. Of vastly easier suppression, because within instant or even cursory observation, how ought we to reproach ourselves with our lazy tolerance! A, keeps his trees clean and wholly free from the pest; his neighbor B, who gets nominated for Alderman or even Hog-Reeve, has faith in the multiplication-table and thinks that the only baptismal name is now as it was and shall ever be — Legion. At the last session of the General Court a petition from the Massachusetts Horticultural Society

setting forth the harm done by noxious insects, and praying for a remedy was presented and referred to the Committee on Agriculture, whereof this at least may be said in its behalf, that not all of its Members expect or deserve to be Governor. Constituted, as usual, of men whose minds are closed to instruction : who exhaust knowledge by the process of Nature in her abhorrence of a vacuum ; and who prefer to keep the narrow tires of their mental organization in the deep and frozen ruts wherein they have travelled from infancy ; what else could stolid Bucolism do but give Charles M. Hovey, Francis Parkman, and Marshall P. Wilder "leave to withdraw!" Similar "leave" from the same source, ladies and Gentlemen of the Worcester County Horticultural Society ! has been proffered you in the past; nor, as the best that you could do, have you been slow to accept it. The ignorance which would exterminate the *Corvus* — most useful and most persecuted of birds — through its absurd chairman, relegates the *Turdus migratorius* to the same plane with the mocking-bird or nightingale.

His dissonant note greets the farmer's ear.
Never from earth-worms shall you be clear !
A winged tramp — I always shirk,—
Bumming my rations, but never work.
No Canker-Worm my gizzard shall cross,
Neither Curculio! my gain,—your loss.
The Doryphora may take the Potato
And, that cleaned out, fall back on Tomato.
But the beak of this *Turdus* was never expended
On noxious Insects; nor was it intended
That a bird so accomplished should even be harmed
By a stroke of hard work: or even alarmed
When the angry Pomologist fires off a discharge
At the *Turdus* — by General Court kept at large.

There would not seem to be any serious peril to the Commonwealth involved in a concession of the prayer of the Massachusetts Horticultural Society. The injury done by insects is so excessive and general, and is so rapidly increasing, that every grower of Grain, or Fruit, or Vegetables, is personally concerned to find a check or remedy. An inquiry by competent entomologists into their habits — carefully discriminating between the beneficial and noxious — would supply knowledge that is needed, which could work no detriment to the State and, possibly not harm even the Committee on Agriculture.

Closely connected with this subject of Noxious Insects is a fact, if such, asserted by the *Constitutionnel* of Paris, France, which says that "good news is being received from all the wine-growing districts. There is but one cry of joy and admiration in the vineyards at the magnificent appear-

ance of the vines. Since 1840, such promises of abundance were not seen." And yet what frightful stories have we not been told of the *Phylloxera Vastatrix!* How France had been swept as with a besom and, trivial obstacles like the English Channel surmounted — the almost fabulous vine at Hampton Court would be the next to succumb. Yet, after all, it appears that the Grape — co-eval with Noah — and of which it would at least be curious to determine the two species that were selected for that unique voyage in the Ark,— may be destined to furnish an exemplar of the survival of the fittest. The writer picked clusters of the BARRY, grown upon a Northern exposure and fairly ripe, on the 12th, and of IONA, well sheltered, on the 21st. days of October. And, *Phylloxera* to the contrary, his faith abides that the promise of a sure harvest was not restricted to corn or oats. Our American vines, certainly, seem vigorous enough.

The condition of the Library will be stated to you by the officer in whose especial charge it is placed As Chairman of the Committee upon the Library, however, the writer would call your attention to the very valuable addition to it, within the last year, of the Third Series of Curtis' Botanical Magazine, in thirty volumes, illustrated with as much profusion as elegance. The Committee believed that the opportunity to make this purchase should not be lost, although the cost was such that its liquidation was necessarily spread over a period of three years. But the value of a Library like ours — the loss of which even now would be irreparable — consists mainly, and must continue to be found, in its possession of those costly works upon special or general subjects of Horticultural interest which individuals have not the means to procure. This policy, upon which the Committee have ever acted, will continue to guide them, unless in the discretion of the Trustees, they should be instructed to the contrary. The Committee advise the purchase of a suitable table upon which the Weekly and Monthly Magazines may be kept, for a while, that the members shall more and more incline to resort to the Hall of Flora for pleasant intercourse or instruction.

In his two-fold capacity of Chairman of the Committee on the Library, and Secretary of the Society, the writer has had constant occasion to visit Horticultural Hall. He has had perhaps, from this cause, a better opportunity to notice the condition of your property and the fidelity with which it is guarded, than most of you whose presence is all too infrequent. Remembering vividly the reckless waste in the early stages of the war, when the rafters served for kindling-wood and sawdust spittoons received half-burnt cigars ; retaining an equally keen perception of the omnipresent

foulness that offended eye and nostril alike during the later tenancy of the *Saints;* he feels thoroughly qualified to attest and appreciate the admirable order, cleanliness, and good taste, which greet him at every turn. You are to be congratulated upon having secured the services of Mr. John C. Newton as custodian of your property. His report has disclosed to you the unprecedented prosperity of your finances, notwithstanding the pressure of extreme and rare claims and liabilities. But his report will not reveal to you the assiduity with which he has watched over your interests: personally doing labor that most persons would have hired; performing repairs of every mechanical kind with his own hands, to save demands upon your limited treasury; and imperilling health if not life, in hours of storm and sleet, upon that roof which, whether originally built or subsequently reconstructed, has been the fertile source of financial woe. Nor have such exertions been fruitless. Our Hall, which had become a by-word and reproach; a common resort of the dissolute and impure, and therefore to be shunned by the decent; is reinstated in public esteem and grows more popular as each day elapses. Its value increases with its good name, each re-acting upon and enhancing the other. This tribute which to some of you may appear extravagant, is tendered in these precise terms, because the writer is thoroughly familiar with the facts, and considers it simple justice that they should be as well known to the whole Society.

The Committee on the Library were instructed by the Trustees, in pursuance of a suggestion by the Secretary in his Annual Report then submitted, to procure a portrait of the late JOHN MILTON EARLE. Nothing more was originally contemplated than a good and durable likeness But deliberate reflection upon his individual merits, and due consideration of the fact that it might tend to the ultimate creation of a pictured gallery of Horticultural worthies, induced the Committee to believe that they should best discharge their duty by procuring an oil painting of their lamented associate. Accordingly a contract was made with Mr. J. S. Lincoln of Providence, R. I., an artist of deserved celebrity, and perhaps as noted for the skill with which he revives the lineaments of the dead as for felicity in limning the living countenance; the result of whose labors is before you. The Committee are thoroughly pleased with the painting, as a likeness and a work of art, and doubt not that the Society will share in their satisfaction. It is hoped however, that this will prove but the first step towards the procurement of portraits of all our benefactors, whether deceased or happily spared to us. The benignant features of DANIEL WALDO and JOHN GREEN; of GEORGE

JAQUES and JOHN C. RIPLEY; of FREDERIC WM. PAINE and SAMUEL H. COLTON; should be conspicuous upon these walls. SALISBURY and LINCOLN, (D. WALDO;) BULLOCK and DEWEY; HILL and RICHARDSON; FRANCIS and HADWEN; long may it be ere their title to precedence shall be based upon the fact of their absence from our midst! We can offer them no substantial remuneration for official fidelity or zeal in our service. But the least that we ought to do, and it is little enough, is to procure their portraits for these Halls; that, from a study of them, our successors may be enabled to form some idea of how they looked to whom it is, and will continue to be chiefly due, that the WORCESTER COUNTY HORTICULTURAL SOCIETY fell heir to a goodly heritage.

The Blight, so fatal to the Pear, has been unusually destructive within the past year. Complaint of its ravages is heard from all sections of the Republic. Here a vigorous leader, there small branches and short twigs throughout the entire top, gave unmistakable token of the malign influence. Particular varieties seem peculiarly susceptible, while at their worst estate not communicating the infection. The writer has utterly lost the Glou Morceau, but the Josephine de Malines, upon the very same stock, appeared in perfect health. The Bartlett remains unaffected, but the new Beurre de l' Assomption, engrafted upon it perished to the last scion. The Washington thrives luxuriantly, although every branch of the Belle Lucrative has to be amputated. And the Belle Lucrative has withered, root and trunk in a night, leaving the Souvenir du Congrés high in the air, after three years of vigorous growth, thrifty, but of course doomed. Among the causes of this Blight, over-stimulation by an excessive application of fertilizers, especially stable manure is assigned by some. Yet, in the observation of your Secretary, trees growing in grass have suffered equally with others which, situated in the heart of Raspberry plantations, were compelled to partake of the rich nutriment so indispensable in the culture of that exquisite fruit. Has any one seen harm come to the Louise Bonne de Jersey, no matter how heavily manured? Does the Seckel ever manifest a symptom of Blight? There is a Pear Orchard upon Mill Street, in this city, if the owner will pardon the allusion, in which the omnipresence of Blight was equally conspicuous with the absolute innocence of manure. Sudden atmospheric changes, (notably thunderstorms,) have also been charged with the developement, if not production of this disease. But, whatever may have been alleged, heretofore, with greater or less plausibility, it is noteworthy that the Blight, which raged virulently during the vernal months of 1875, received a decided, if not absolute check, after the intense electrical disturbances

that ushered in and attended the early summer. Be the cause what it may, let us hope that it will not always elude human research, and that the discovery of a sure remedy may be speedily announced and approved. Quite recently a note of alarm has been sounded from the extensive Apple Orchards of western New York. Possibly the *Pyrus Communis* * might be sadly relinquished. But can we bring ourselves to spare, upon any terms, that noblest of all fruits, indigenous to the temperate zone, *Pyrus malus*.†

In this connection, while treating of the mortality among old or new varieties, brief reference may be permitted to one species, whose advent was loudly heralded in England, and which some of your members have endeavored, at no slight pecuniary cost and not with the most flattering success, to naturalize here. M. Charles Baltet, writing in the *Bulletin d'Arboriculture*, states that the habit, the wood, the leaves, and the buds, of the specimens of Brockworth Park he has been supplied with, announce it to be the same as Bonne d'Ezée. And higher authority, there is none. The imposition however, if such, is not without precedent.††

In the oldest of our Horticultural Magazines, one in which the vigor of youth appears of late to be renewed, occur the following passages : – "It has been advanced, and not without reason, that the majority of our premium lists are composed to suit the collections of the wealthy, whilst militating against the poor man's mite." "Our remarks are intended to apply more especially to the wholesale manner of offering premiums for

*Pear. †Apple.

[††Since the above was written, a note has appeared in the London *Garden* from the famous orchardist Mr. J. Scott of Merriott, wherein he says :—

"As one of the results of this examination, (of his apples and pears,) I have, like others, found that the pear miscalled Brockworth Park, is no other than one of my greatest favorites, viz: Bonne d' Ezée. The Brockworth is from trees bought in Gloucestershire. The other, (Bonne d' Ezée), is from trees obtained from France."

"I do not know how far a man is justified in sending out trees as new, when he cannot vouch for their being so." * * * * * * * *

"Let me also direct the attention of your readers to the respective descriptions of the two Pears, as given by the Pomological Director of the Royal Horticultural Society. Bonne d' Ezée is thus described: 'Flesh white, coarse-grained, inclining to gritty, half-melting and juicy, with an agreeable perfume;' and it is added: 'This is only a second-rate Pear, the texture of the flesh being coarse.' The same authority describes Brockworth Park thus :— 'Flesh, white, delicate, buttery and melting; very juicy, rich and various; and the Royal Horticultural Society gave it a first class certificate in 1871.'"

"What reliance, therefore, can be placed upon such descriptions? Bonne d' Ezée is certainly deserving of all that is said of the Brockworth, and more: for it is without doubt one of our best September and October Pears, and attains, under favorable circumstances, a large size."

From this it will be seen that, although money has been expended for Brockworth Park, under a delusion, it may not be wholly lost. Yet the experience is somewhat costly, and, like those burnt children who dread fire, our more enterprising members will be less eager, in future, to invest five dollars upon a false Pomological pretense. Additions to the list of "September and October Pears" are not so imperatively needed as to justify great extravagance in their purchase. Upon a pinch we might content ourselves with Clapp's Favorite; Bartlett; Louise Bonne de Jersey; Doyenne du Comice; St. Ghislain; and Beurre Superfin.—E. W. L.]

collections, rather than special articles embraced therein." "For instance, in place of offering a large purse for the largest and best collection of greenhouse plants, let the amount designated be distributed among the plants that usually go to make up the collections." And, as of greenhouse plants so, by parity of reason, is the argument applicable to all the genera of fruits and vegetables.

The members of this Society can afford to regard such suggestions from high authority with a reasonable degree of complacency. There is no one step therein advised, that was not long since taken, at the urgency of your Secretary, or upon the prompting of your own clear perception of its imperative necessity. For years have the number of classes been steadily reduced. In 1874 there were but two classifications of Pears, the genus to which our Pomologists have heretofore devoted most and perhaps undue attention. In his Annual Report of that year, reviewing the salient defects of the Autumnal Exhibition, your Secretary employed the following language: "At that Exhibition, room was assigned to three hundred and seventy-six (376) plates, containing three thousand nine hundred and forty (3940) Apples and Pears, which were inferior to others of their kind upon the tables, and whose simple exclusion would not only have involved a proper saving of expense, but also a downright economy of labor. Room must be gained in some way. In what manner more effectually, or to greater satisfaction, than by the abolition of every remnant of an obnoxious system, which has no other recommendation but that of antiquity! It was well enough a generation since to avail ourselves of the experience of the Massachusetts Society. But we are now taught by a lifetime of personal observation, and have no excuse for disregard of its admonitions.

"The evil is as apparent in the Vegetable department, which justly demands so much of your attention, and which, within a few years, has been raised to a position of signal eminence. Competent judges expressed the opinion that a better display of Vegetables was never seen in Massachusetts than that which struggled for exhibition last October in the Hall of CERES. And yet there too were great collections—mere numerical aggregates of species, of every one of which superior specimens were shown by the same contributors in their single lots. No man who proposes to contest the palm of excellence for Corn, Squashes or Potatoes will risk his chances by merging his best samples in a general collection, any more than he would imperil his whole hopes by first exhibiting his productions, blighting their freshness, at the poor old Hippodrome. All "general collections" in the Vegetable Department are as

"meaningless (while they are even more cumbersome) as they have been "found among the Fruits. Your Secretary has no hesitation therefore, in "advising that all general collections, whether of Apples, Pears or Veget- "ables, be abolished. That the sum thereby saved be applied to the "greater encouragement of the several species in the various Genera of "Field and Garden products. That quality be our sole aim, at the expense "of quantity or specific gravity—this latter with due deference to the "Committee on Pears. That, for example, three mangolds be accepted as "evidence that a cartload just like them could have been piled up, to the "annoyance of every one."

The action of the Trustees was as decisive as it has ever been when their judgment was convinced. Scarcely a class was retained in the Schedule of Premiums for the year just closed; and then only among Plants and Vegetables, within which departments it is questionable if the reform might not as well be made radical. What was the result? At the Annual Autumnal Exhibition there were the following entries:

Apples: Contributors, 33; Plates, 165; Specimens, 1650.
Pears: " 71 " 356 " 4272.
Vegetables: " 35; Articles, 321;

in lots varying from the half-peck of Onions or Potatoes, to detachments of the by no means infinitesimal Pumpkins or Squashes. Now, while it must be admitted that our tables have been cumbered in former years with a mass of articles as difficult to judge, or even examine, as it was profitless to attempt either; yet it cannot be disputed that our claim to the achievement of superior excellence in 1875 is well founded. The selection of Apples was limited by its being the off year, so-called, supplying therefore a very limited crop from which to cull specimens.* Of the quality of those which were exhibited, the Report of the able and pains-taking Chairman may be trusted to speak with candor. The Pear, as a whole, must be conceded to have surpassed any previous display within our Hall, as they certainly far exceeded expectations based upon the ravages of Blight and the general complaint of harm from noxious insects. Of unblemished aspect and goodly form, their like, in these respects, has doubtless been seen by us upon other occasions. But, in the matter of size, the specimens transcended all past experience. This was notably the case with the smaller varieties, as the Seckel and St. Ghislain, which can perhaps afford to gain in bulk without losing

*Note.—Our worthy and observant associate, Mr. Newell Wood of Millbury, mentions a curious example of good resulting from evil. An orchard from which the buds had been stripped by the Canker-Worm, in 1874, yielded a plentiful crop of excellent Apples in 1875. But shall we encourage the Canker-Worm, even to transpose the year of abundance?—E. W. L.

any of their surpassing flavor. It was also noticeable that the Flemish Beauty reappeared in more than pristine magnitude and soundness; while the display of Beurre Diel and White Doyenné tended to encourage the new-born hope of a resuscitation of those superior varieties.

The Vegetables were enough for the Hall of *Ceres*, whose cornucopia has there found congenial and permanent lodgement. Had the season been propitious for a later fruition of Tomatoes, no space would have appeared vacant. As it was, with an arrangement slightly altered and improved, the exhibition of Vegetables, confined rigidly to specialties for the first time, would have puzzled the judges and bewildered the observer. In point of fact, the purpose of the Trustees in this, as in the other departments, was crowned with substantial success. The Cabbage, the Onion, and the Watermelon were no longer pitted against the Beet, the Musk-melon and the Squash, in unnatural rivalry. The Lima Bean—good for six days in the week: and the Pea, or Navy Bean, edible upon Sunday; might hold high carnival by themselves. But they could no longer challenge all comers, running a muck as it were; or "standing up to be counted," as in a late political example, where the enumeration consumed no time and the enumerated were not legion. Individual exhibitors may have failed of anticipated success, but the experiment itself was vindicated.

Yet, after all, claiming that the display in every department was of exceeding excellence, and better and greater than the Trustees were warranted in expecting as the result of such a radical change in practice; the question recurs to your Secretary, which has thrust itself upon his mind repeatedly of late years, nor will "down at his bidding,"—Can the Worcester County Horticultural Society propose to itself no loftier aim,—attain no greater achievement than that which would seem to be the object of our successive political contests? Which of these Cabbage-heads is the thickest,—of these Onions, the most fragrant and savory? The *Horticulturist*, in its preface to the remarks heretofore recited, thus introduces the subject:— "It has long been a disputed point whether discussional meetings, or exhibitions of Horticultural productions, were the more useful in disseminating knowledge that would assist in raising the science, or practice rather, if the latter term is preferred, to a higher standard." And sums up its judgement in favor of the system of exhibitions because of their general popularity. But is this conclusion sound? Subtract the major premise and of what value is the conclusion? So far as the experience of this Society extends, there can be no doubt that public interest in a general Autumnal Exhibition has, for many years past,

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steadily and surely waned. And the latest was also the most signal illustration of this fact. Unquestionably, this result is brought about by many independent causes. The ranks of contributors are recruited, but slowly; and their number is restricted each year more closely to those in the immediate vicinity of the city of Worcester. The Agricultural Society, which voted, long ago, upon motion by D. Waldo Lincoln and its second by O. B. Hadwen to relinquish an unprofitable rivalry, has, without a repeal of that vote, resumed its heterogeneous shows of third-rate Fruits and Flowers. And, although no useful purpose is thereby subserved, the attention of the community is distracted by a demand for its patronage, that is none the less pertinacious because wholly without merit. Adjoining towns bestir themselves vigorously in behalf of their local exhibitions; striving to attract the support of the city which they reproach with appropriating to itself the control of this Society, in apparent oblivion of the fact that it had been first deserted or abandoned by themselves. The newspaper press, that never fails to take gratuitous and full note of the pettiest side show in the County, affects to ignore the finest Horticultural display ever made in Worcester. These, and similar, are the buffets that we have to meet and repel.

What then should be the future policy of the Society? Your Secretary, after serious and mature reflection, hesitates not to advise a discontinuance, at least temporarily, of the Annual Autumnal Exhibition. If people are tired of an elegant Floral display, withhold it from their wearied vision. If they are careless, or indifferent to the practical test of Peach, Plum, or Grape culture, among us, there is no law compelling us to interrupt their musical frenzies, or prevent their mild, mental dissipation in the evening lecture. We are incorporated to "advance the science and encourage and improve the practice of Horticulture." It is not our privilege to indulge in the retrospect of a century spent in this our favorite pursuit or recreation. But, without undue boasting, this Society can point to the developement of Fruit and Flower, of Plant and Shrub, in Urban garden and Rural door-yard, claiming it as, in large measure, the outgrowth of its instruction, the matured and precious results of tuition by example. Accepting with gratitude and respect the kindly compliments and condescending pats-on-the-back of those who are our seniors in the field, it is nevertheless our right to assert that all the praise bestowed upon us has been unquestionably and worthily earned.

Should it be your decision, through your Trustees, to discontinue the Annual Autumnal Exhibitions, you can still reserve the benefit and pleasure of the weekly meetings in this Hall of Flora. At our last general

display you took the trouble, (and it was not slight,) to select and bring to our Hall of Pomona, sixteen hundred and fifty (1650) Apples, and four thousand two hundred and seventy-two (4272) Pears. Relieving yourselves of this constantly recurring effort, zealous as you are to undertake it, in the interest of Horticulture and of the Society, you would be free to perfect those limited exhibitions, which are perhaps of as much utility because not too extended for comprehension, or inspection at a glance. With a more generous appropriation, in such a case easily spared, you could extend liberal encouragement to displays of particular Flowers and Fruits whose wide dissemination may appear desirable. The Hyacinth in spring; the Gladiolus and Aster in Autumn; and the Grape, Peach, Plum and Quince in their respective seasons. Supplying a pecuniary stimulus, where it is needed; you can also withhold it in those Pomological or Floral genera wherein it is no longer required.

Should the discontinuance of our Annual Autumnal Exhibition, if only for a time, tend to a reduction of our very considerable debt, in that fact alone might be found a justification of the proposed policy. Thereafter—upon a resumption of those General Exhibitions, should you conclude to resume them, it is to be hoped that admission to them will be as free as the air. At that time,—near or remote,—let us cease attempting to make merchandise of our knowledge, or experience: but throw our doors wide open to all who can be induced to enter. Our Legacies and Benefactions were not given to us to be multiplied by discount, but rather as a *Trust*, to be managed for the best interest of the community. Let Bucolism speculate, if it prefer, upon the vulgar appetite for coarse excitement; and exact its penny for the monstrosities of the side-show and the knaveries of the track. But be it our higher election to go out into the by-ways and lanes, and, finding those who are blind and halt in the pleasant ways of Horticulture, compel them to come in. So shall we best fulfil the disinterested aim of the founders of our Society. In this way, and this only, can we answer the demands of the times, in prompt recognition of the changes in popular taste and requirement. And, at one and the same time discharge our inexorable duty whereby we are bound, in all honor, to "Advance the Science and encourage and improve the Practice of Horticulture."

All which is respectfully submitted by

EDWARD WINSLOW LINCOLN,
*Secretary.*

HALL OF FLORA,
Worcester, Mass., Nov. 3, A. D. 1875.

# BY-LAWS

OF THE

# Worcester County Horticultural Society.

## ANNUAL MEETING.

ARTICLE 1. There shall be an Annual Meeting of the Society, to be held on the first Wednesday in November of each year.

## MEMBERSHIP.

ARTICLE 2. Any male person may become a Member of the Society on payment of the sum of Five Dollars; females upon the payment of Three Dollars. Honorary Members may be admitted by vote of the Society or of the Trustees, but shall not have the right to vote at any Business Meeting.

## OFFICERS.

ARTICLE 3. The Officers of the Society shall consist of a President, three (3) Vice-Presidents, a Secretary and Librarian, and a Treasurer—(all of whom shall be Trustees *ex-officiis*)—and the Trustees *by election*. The Officers are to be elected by ballot, to hold their offices until the next annual election, or until others are chosen in their places, and to discharge the duties of their respective offices.

## MEETINGS OF THE SOCIETY.

ARTICLE 4. All meetings of the Society shall be called by giving not less than one (1) week's notice in at least one newspaper published in the City of Worcester. Special Meetings of the Society shall be called at any time, on the application of five (5) members therefor. And at all meetings of the Society, seven (7) shall constitute a quorum for the transaction of business.

## SECRETARY.

ARTICLE 5. HIS DUTIES: The Secretary shall keep records of all business transacted at the meetings of the Society and of the Trustees, and also of the admission of Members, and he shall call and notify meetings of the Society and of the Trustees, and shall notify persons chosen to office in the Society of their election and the Committees of their appointment, and shall attend to the correspondence of the Society.

## TREASURER.

ARTICLE 6. HIS DUTIES: The Treasurer shall, at each Annual Meeting of the Society, make a Report of his Receipts and expenditures on account of the Society, and the condition of its finances, and exhibit his accounts. And a Committee shall be annually appointed by the Trustees to examine and audit his accounts and to report thereon. The Treasurer shall give bonds to the acceptance of the Trustees of the Society for the faithful discharge of the duties of his office.

## TRUSTEES.

ARTICLE 7. THEIR NUMBER: The Trustees shall consist of any number not less than twenty-five (25) exclusive of the officers, who are Trustees *ex-officiis*—and the exact number of Trustees for the year ensuing, shall be determined at each Annual Meeting.

THEIR POWERS: The Trustees shall have the general charge and direction of the affairs and business of the Society, its funds and property, so far as not otherwise provided for in the By-Laws or at the meetings of the Society; and may appoint one or more exhibitions of Flowers, Fruit or Vegetables in each year, and make all arrangements therefor and for conducting the same, including the appointment of Committees; and may establish Premiums and provide for awarding the same, and shall direct the disposal of all articles of a vegetable growth which may be presented to the Society, including the distribution of Seeds, Scions and Cuttings, Layers and Roots.

THEIR MEETINGS—QUORUM: At all meetings of the Trustees seven (7) shall constitute a quorum for the transaction of business; and a meeting of the Trustees may at any time be called, on the application of three (3) members of the Board to the President of the Society; and all meetings of the Trustees shall be called by the Secretary. There shall be stated meetings of the Trustees, to be held once in three (3) months.

## FINANCE COMMITTEE.

ARTICLE 8. There shall be chosen at the Annual Meeting of the Society a Committee of three (3), one member thereof to be elected each and every year, to hold office for the term of three years ; said Committee, subject to the control and supervision of the Trustees, shall have the general care and oversight of the lands, buildings and other property of the Society ; shall approve all bills against the Treasury before being paid by the Treasurer, except money awarded for Premiums, and shall authorize the Treasurer to invest, for the benefit of the Society, in one or more of the Savings Banks of the City of Worcester, any money not appropriated or necessary for the current expenses of the Society.

## AMENDMENTS.

ARTICLE 9. The By-Laws may be altered or amended at the Annual Meeting of the Society, by a vote of two-thirds ($\frac{2}{3}$) of the members present ; provided, that previous notice shall have been given in the call for the Annual Meeting that the subject of an alteration of the By-Laws is to come before the Society at that meeting.

# OBITUARY.

BY PRESIDENT O. B. HADWEN, NOV. 3, A. D. 1875.

Since the last Annual Meeting of this Society, one of its prominent and valued members has been removed by death.

I allude to SAMUEL H. COLTON, who died at Chicago, Illinois, on the 18th of September last, whither he went as a delegate from this Society to attend the American Pomological Convention assembled in that City.

Mr. Colton had long been interested and engaged in Horticultural pursuits, being one of the oldest members of this Society, and for many years active and efficient on the Board of Trustees, until the Society elected him for their Treasurer.

He excelled in the cultivation of the Apple and Pear, introducing many new and valuable varieties; and he became remarkably well versed in the knowledge of these fruits. He was always interesting and instructive in discussing their merits, and has been largely instrumental in disseminating both fruit and ornamental trees throughout the county. His appreciative mind and fine taste afforded him great capacity for the enjoyment of ornamental trees and plants; and the grounds about his residence were abundantly and highly embellished with the choicest collection.

Few men possess, as he did, the qualities that constitute the model gentleman. Modest, reserved and unpretending, yet social and genial; always ready to impart in an easy and intelligent way his rare fund of knowledge acquired by extensive reading and travel.

His intercourse with men was marked by courtesy of manner, indicative of kindness and respect, and he died, as he had lived, respected and beloved.